

AI concepts through the lens of God’s Word

Goal – Use biblical truths as familiar illustrations to help explain AI concepts

Purpose of the series – To help Christians understand AI without either fearing it or idolizing it.

Concepts covered in this series –

Part 1 – What AI is Built on	Part 2 – How AI Learns	Part 3 – How AI Thinks during use	Part 4 – How AI works in the real world
- Dataset - Training Data - Tokenization - Embeddings - Signal - Noise - Bias	- Training - Pattern Recognition - Classification - Clustering - Validation - Fine-tuning - Overfitting - Generalization - Benchmark	- Prompt - Knowledge Base - Search - Retrieval - Context - Memory - Inference - Hallucinations - Confidence Score - Explainability	- Pipeline - Guardrails - Automation - Agent - Human in the Loop - Feedback Loop - Latency

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Day 1 | **Dataset** | Part 1 – What AI is built on

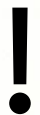
 **What it Means:** A dataset is the collection of examples AI learns from or evaluates. Simply put: It is the body of information AI studies.



Scripture as analogy: Deuteronomy 6:6–7

“And these words that I command you today shall be on your heart. You shall teach them diligently ...”

Context: Israel was commanded to continually teach God's Word.



Why this is an analogy: Both emphasize a structured, authoritative body of information that must be consistently presented and absorbed for proper learning to take place.



Where the analogy ends: God's Word transforms lives. Datasets provide information only.



Key Takeaway: Scripture teaches passing on God's truth. We borrow only the principle of learning from an established body of information.

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Day 2 | Training Data | Part 1 – What AI is built on

 **What it Means:** Before an AI model can answer questions or generate content, it must first be “trained” on enormous amounts of information. The quality, diversity, and accuracy of the training data significantly influence how well the AI performs later. AI becomes useful because of what it has been exposed to during training.



Scripture as analogy: Proverbs 22:6

“Train up a child in the way he should go; even when he is old, he will not depart from it.”

Context: This proverb teaches that what is consistently planted during one's formative years shapes future behavior.



Why this is an analogy: In both cases, the quality and consistency of foundational input dictate the reliability of future outputs.



Where the analogy ends: People are created in God's image and possess moral responsibility, conscience, and the ability to respond to God. AI does not “learn” with wisdom or understanding—it simply identifies statistical patterns in data.



Key Takeaway: The Scripture teaches about raising people, not building machines. We are only borrowing the principle that what is consistently fed influences future responses.

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Day 3 | Tokenization | Part 1 – What AI is built on



What it Means: Tokenization is the process of breaking text into smaller pieces called 'tokens' so AI can process language. Before AI can understand or generate text, it first divides the input into manageable units.



Scripture as analogy: Isaiah 28:10

"For it is precept upon precept, precept upon precept, line upon line, line upon line, here a little, there a little."

Context: God's message is described as "precept upon precept, line upon line" emphasizing instruction communicated in small, successive portions.



Why this is an analogy: In both cases, something whole is divided into smaller units before further understanding or processing can take place.



Where the analogy ends: Isaiah is teaching about God's instruction to His people and exposing their spiritual condition. Tokenization is simply a computational process and carries no spiritual meaning.



Key Takeaway: Scripture illustrates the principle of building understanding layer by layer. We borrow only the principle that breaking information into smaller parts makes it manageable to process.

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Day 4 | Embeddings | Part 1 – What AI is built on



What it Means: Embeddings convert words, images, or other data into numbers that capture their meaning and relationships. Items with similar meanings are placed closer together in this mathematical space. AI represents ideas by how closely they relate to one another.



Scripture as analogy: Proverbs 27:19

"As in water face reflects face, so the heart of man reflects the man."

Context: Solomon teaches that a person's inner character reveals who they truly are. What is beneath the surface reflects deeper realities.



Why this is an analogy: Proverbs reminds us that true alignment and identity are found beneath the surface. Likewise, Embeddings maps words based on how closely their underlying meanings relate to one another.



Where the analogy ends: Proverbs speaks about human character before God. AI embeddings are mathematical representations with no understanding, emotion, or moral significance.



Key Takeaway: Scripture teaches that deeper realities matter more than outward appearances. We borrow only the principle that meaningful relationships often lie beneath the surface.

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Day 5 | **Signal** | Part 1 – What AI is built on



What it Means: Signal is a meaningful, accurate pattern within a vast sea of data. It is the information that truly matters amid the surrounding noise.



Scripture as analogy: John 10:27

“My sheep hear my voice, and I know them, and they follow me.”

Context: Jesus describes the relationship between Himself and His followers, who recognize and respond to His voice.



Why this is an analogy: Just as Jesus' sheep recognize and respond to His voice amid many competing voices, Signal is the meaningful information that stands out amid surrounding data. In both cases, recognizing what truly matters leads to the right response.



Where the analogy ends: Jesus is describing a living, saving relationship between the Good Shepherd and His people. AI does not hear, discern spiritually, or respond relationally. It merely identifies useful information within data.



Key Takeaway: Scripture teaches listening to the Shepherd's voice. We borrow only the principle that recognizing the meaningful message amid many distractions leads to the right response.

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Day 6 | **Noise** | Part 1 – What AI is built on



What it Means: Noise is irrelevant, incorrect, or distracting information that makes learning more difficult. Noise hides what actually matters.



Scripture as analogy: 1 Corinthians 14:33

"For God is not a God of confusion but of peace."

Context: Paul encourages orderly worship.



Why this is an analogy: Just as confusion in an environment drowns out clarity and makes meaningful communication harder, Noise in a dataset introduces meaningless clutter that masks the true patterns, confusion



Where the analogy ends: Paul discusses church order, not data quality.



Key Takeaway: Scripture teaches order over confusion. We borrow only the principle that unnecessary confusion hinders understanding.

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Day 7 | **Bias** | Part 1 – What AI is built on

 **What it Means:** Bias in AI refers to systematic favoritism or unfairness in an AI system's outputs. Bias often comes from the data used for training, the assumptions built into the model, or the way information is collected. AI can reflect imperfections in the information it learns from.



Scripture as analogy: James 2:1

"My brothers, show no partiality as you hold the faith in our Lord Jesus Christ, the Lord of glory."

Context: James instructs believers not to treat people differently based on wealth, status, or appearance. God calls His people to judge righteously rather than showing favoritism.



Why this is an analogy: Just as people can develop unfair partiality that distorts their judgment, AI systems can produce biased outcomes if the data they learn from contains imbalances or hidden prejudices



Where the analogy ends: James addresses the moral responsibility of human hearts before God. AI possesses no heart, intentions, prejudice, or moral accountability. Its "bias" is a technical limitation, not a sinful attitude.



Key Takeaway: The Scripture teaches impartial love toward people. We are borrowing the principle that unfair influences can lead to unfair outcomes.

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Day 8 | **Training** | Part 2 – How AI learns



What it Means: Training is the process by which an AI model learns from a dataset. During training, the AI analyzes thousands or even millions of examples to discover patterns, relationships and rules. Rather than memorizing every example, it gradually adjusts its parameters to make more accurate predictions or responses.



Scripture as analogy: Hebrews 5:14

"But solid food is for the mature, for those who have their powers of discernment trained by constant practice to distinguish food from evil."

Context: The writer encourages believers to mature spiritually by continually exercising discernment through God's truth.



Why this is an analogy: Just as believers develop spiritual maturity and discernment through constant practice and continuous exposure to God's truth, an AI model gradually refines its accuracy through repeated exposure to examples within a dataset over time.



Where the analogy ends: Believers develop spiritual discernment through God's work and obedient living. AI merely adjusts mathematical parameters.



Key Takeaway: The Scripture teaches how to develop spiritual maturity. We are borrowing the principle of becoming trained through continual repetition.

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Day 9 | Pattern Recognition | Part 2 – How AI learns

 **What it Means:** Pattern recognition is AI's ability to detect recurring relationships within large amounts of data. Rather than memorizing every example, AI identifies common patterns that help it recognize images, understand language, predict outcomes, or classify information.



Scripture as analogy: Ecclesiastes 1:9

"What has been is what will be, and what has been done is what will be done, and there is nothing new under the sun."

Context: Solomon reflects on the recurring cycles of life in a fallen world, revealing both life's predictability and humanity's limitations apart from God.

 **Why this is an analogy:** Just as Solomon observes predictable, recurring cycles throughout human history and experience under the sun, AI detects recurring mathematical relationships within large amounts of data to determine what is likely to happen next.



Where the analogy ends: Ecclesiastes is teaching about the recurring nature of human life under God's sovereign rule, not data analysis. AI recognizes mathematical patterns without understanding meaning, or purpose, or God's providence.



Key Takeaway: The Scripture teaches about recurring patterns in human life. We are borrowing the principle that recognizing patterns helps us make sense of what we observe.

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Day 10 | **Classification** | Part 2 – How AI learns

 **What it Means:** Classification is the process of assigning something to a predefined category. After learning from examples, an AI model determines which label best fits new data, such as identifying an email as "spam" or "not spam.". AI sorts things into known categories.



Scripture as analogy: Matthew 13:49

"So it will be at the end of the age. The angels will come out and separate the evil from the righteous."

Context: Jesus concludes the Parable of the Net by describing God's final judgment, when people will be separated according to their relationship with Him.

 **Why this is an analogy:** Just as Jesus describes a future, decisive separation where individuals are assigned to distinct groups based on their true relationship with Him, an AI classification model sorts new data points into predefined, distinct categories based on its learned characteristics.

 **Where the analogy ends:** Jesus is teaching about God's righteous judgment, not data science. AI merely assigns labels based on statistical patterns; it makes no moral or eternal judgments.



Key Takeaway: Scripture teaches God's final judgment. We are borrowing the principle of sorting into defined categories.

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Day 11 | Clustering | Part 2 – How AI learns



What it Means: Clustering groups similar items together without predefined labels. The AI discovers natural relationships within the data. AI finds groups based on similarity.



Scripture as analogy: Matthew 25:32

"Before him will be gathered all the nations, and he will separate people one from another as a shepherd separates the sheep from the goats."

Context: Jesus describes His future judgment, separating people according to their response to Him.



Why this is an analogy: Just as the illustration of a shepherd separating sheep from goats highlights identifying natural, distinct groups from a larger gathering, AI clustering discovers natural relationships and groups similar data items together based on shared, unlabeled characteristics.



Where the analogy ends: The passage concerns Christ's perfect judgment, not machine learning. AI discovers statistical similarity, not spiritual reality.



Key Takeaway: Scripture teaches Christ's judgment. We borrow only the idea of recognizing and grouping similar characteristics.

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Day 12 | **Validation** | Part 2 – How AI learns

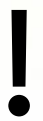
 **What it Means:** Validation is testing an AI model on data it has not seen during training to see how well it performs before it is deployed. AI is tested before it is trusted.



Scripture as analogy: 1 Thessalonians 5:21

“But test everything; hold fast what is good.”

Context: Paul instructs believers to carefully evaluate teachings and practices, keeping what aligns with God's truth.

 **Why this is an analogy:** Just as Paul emphasizes testing all things to establish what is genuinely good and trustworthy before accepting it, AI validation evaluates a model on entirely unseen data to ensure it performs reliably before it is deployed.



Where the analogy ends: Paul is teaching spiritual discernment. AI validation is a technical evaluation.



Key Takeaway: Scripture teaches careful discernment. We borrow only the principle that trustworthy things should be tested.

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Day 13 | **Fine-tuning** | Part 2 – How AI learns



What it Means: After an AI has been generally trained, developers can further train it on specialized data to improve performance for specific tasks, such as medicine, law, customer service, or programming.



Scripture as analogy: Romans 12:2

"Do not be conformed to this world, but be transformed by the renewal of your mind..."

Context: Paul describes an ongoing transformation in which believers increasingly align their thinking with God's will.



Why this is an analogy: Just as the renewal of a believer's mind represents a continuous, targeted transformations to align more perfectly with God's specific will, fine-tuning takes a generally trained AI model and further trains it on specialized data to master highly specific tasks.



Where the analogy ends: Romans 12 describes spiritual transformation through God's work in believers. Fine-tuning is merely an engineering process that adjusts mathematical parameters.



Key Takeaway: Scripture teaches the transformation of the heart in believers. We borrow only the principle that there is movement from general capability toward greater specialization and effectiveness.

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Day 14 | **Overfitting** | Part 2 – How AI learns

 **What it Means:** Overfitting happens when an AI memorizes its training data so closely that it performs poorly in new situations. Instead of learning general principles, it learns the exceptions. AI becomes too focused on the examples it has seen and struggles with anything different.



Scripture as analogy: Matthew 23:23

"For you tithe mint and dill and cumin, and have neglected the weightier matters of the law..."

Context: Jesus rebukes the religious leaders for obsessing over minor details while missing the larger purpose of God's Law—justice, mercy, and faithfulness.

 **Why this is an analogy:** Just as Pharisees obsessed over minute regulations while overlooking the weightier, overarching principles God intended, an overfitted AI model memorizes specific training details and exceptions so rigidly that it fails to capture the broader pattern needed to handle new situations.



Where the analogy ends: Jesus addresses spiritual hypocrisy and the human heart. AI overfitting is simply a technical modeling problem.



Key Takeaway: Scripture teaches not to lose the greater purpose by focusing only on details. We borrow only that principle.

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Day 15 | **Generalization** | Part 2 – How AI learns



What it Means: Generalization is an AI model's ability to apply what it has learned to new situations it has never seen before. AI succeeds when it applies principles instead of memorizing examples.



Scripture as analogy: 2 Timothy 3:16–17

"All Scripture is breathed out by God...that the man of God may be complete, equipped for every good work."

Context: Paul teaches that God's Word equips believers for every area of faithful living.



Why this is an analogy: Just as God's Word thoroughly equips a believer with foundational truth to navigate every area of faithful living, a well-generalized AI model applies broad, learned principles to successfully handle new situations it has never seen before.



Where the analogy ends: Scripture transforms lives through God's Spirit. AI merely applies statistical learning.



Key Takeaway: Scripture teaches that true learning equips us beyond the classroom. We borrow only the principle of applying learned principles to new situations.

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Day 16 | **Benchmark** | Part 2 – How AI learns

 **What it Means:** A benchmark is a standardized test used to compare how well different AI models perform. Benchmarks provide a common measuring stick.



Scripture as analogy: Philippians 3:17

“Brothers, join in imitating me, and keep your eyes on those who walk according to the example you have in us.”

Context: Paul encourages believers to follow faithful examples of Christian living. Mature believers provide a pattern or standard that others can imitate as they pursue Christ.

 **Why this is an analogy:** Just as Paul points believers to the lived examples of mature Christians as a trusted standard to follow, an AI benchmark provides a recognized, standardized test to measure and compare the performance of different models against a common metric.



Where the analogy ends: Paul is speaking about spiritual discipleship and Christlike living, not technical evaluation. AI benchmarks measure performance, while a Christian's ultimate goal is conformity to Christ through the work of the Holy Spirit.



Key Takeaway: Scripture teaches the value of following faithful examples. We borrow only the principle that meaningful evaluation requires a trustworthy standard.

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Day 17 | **Prompt** | Part 3 – How AI thinks during use



What it Means: A prompt is the instruction or question a user gives an AI. The quality, clarity, and completeness of the prompt greatly influence the quality of the AI's response.



Scripture as analogy: Proverbs 18:21

"Death and life are in the power of the tongue, and those who love it will eat its fruits."

Context: This proverb teaches that our words carry tremendous influence – build up or tear down, encourage or discourage, bless or harm. God calls His people to use speech wisely.



Why this is an analogy: Just as the proverb teaches that human words carry tremendous power to shape real-life conversations and outcomes, an AI prompt acts as the foundational instruction that shapes the direction and quality of a model's response.



Where the analogy ends: Proverbs is teaching about the moral responsibility of human speech before God. AI has no moral awareness and merely processes patterns in text according to mathematical models.



Key Takeaway: Scripture teaches wise speech, not AI prompting. We are simply borrowing the principle that the quality of our words influences the quality of the response.

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Day 18 | **Context** | Part 3 – How AI thinks during use



What it Means: Context is the surrounding information that helps AI correctly understand a question or conversation. Rather than interpreting words in isolation, AI considers the words, sentences, and previous conversations that provide meaning.



Scripture as analogy: Nehemiah 8:8

"They read from the book, from the Law of God, clearly, and they gave the sense, so that the people understood the reading."

Context: When God's Law was read to the people after their return from exile, they didn't merely read the words aloud. They explained the meaning so the people could understand what God was saying.



Why this is an analogy: Just as Levites did not merely read the Law aloud but provided the necessary background and explanation so the people could understand the meaning, AI utilizes surrounding conversation history and text to determine the intended meaning of words that might otherwise be ambiguous.



Where the analogy ends: Nehemiah describes faithful interpretation of God's revealed Word. AI just identifies patterns in language based on surrounding information.



Key Takeaway: Scripture teaches that understanding requires proper context. We borrow only the principle that surrounding information gives meaning to what we read or hear.

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Day 19 | **Memory** | Part 3 – How AI thinks during use

 **What it Means:** Memory allows an AI system to retain information during a conversation or, in some systems, across multiple conversations. This enables the AI to provide more consistent, relevant, and personalized responses based on previous interactions.



Scripture as analogy: Psalm 103:2

“Bless the Lord, O my soul, and forget not all his benefits.”

Context: David urges himself to remember God's goodness, forgiveness, compassion, and faithfulness. Remembering God's works strengthens worship, gratitude, and trust.



Why this is an analogy: Just as actively remembering God's past goodness and works directly shapes a believer's current worship, gratitude, and faithful living, an AI's memory retains information from previous interactions to ensure its future responses remain consistent and contextually relevant.



Where the analogy ends: Biblical remembrance involves worship, faith, gratitude, and a personal relationship with God. AI memory is merely stored information.



Key Takeaway: The Scripture teaches faithful remembrance of God. We are borrowing the principle that remembered information shapes future responses.

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Day 20 | **Search** | Part 3 – How AI thinks during use

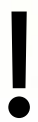
 **What it Means:** Search finds relevant information from a large collection based on a user's request. AI looks through vast information to find what best matches your question.



Scripture as analogy: Jeremiah 29:13

"You will seek me and find me, when you seek me with all your heart."

Context: God promises Israel that sincere repentance and seeking Him will lead to restored fellowship.



Why this is an analogy: Just as God promises that a heartfelt, intentional search by His people will successfully find Him and restore fellowship, an AI search crawls through a vast collection of data based on a user's explicit request to find the exact information that best matches the query.



Where the analogy ends: God is not information waiting to be retrieved. Seeking God is relational and spiritual, while AI search is computational.



Key Takeaway: Scripture teaches seeking God. We borrow only the operational principle of searching to find what is sought.

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Day 21 | **Knowledge base** | Part 3 – How AI thinks during use

 **What it Means:** A knowledge base is an organized collection of information that AI can access to answer questions accurately. It is a trusted source of information.



Scripture as analogy: Ezra 7:10

"For Ezra had set his heart to study the Law of the LORD, and to do it and to teach his statutes and rules in Israel."

Context: Ezra devoted himself to learning, obeying, and teaching God's Word.



Why this is an analogy: Just as Ezra dedicated his heart to studying, obeying, and teaching the Law of the LORD as the absolute, trusted source of truth for Israel, an AI knowledge base serves as an organized, verified repository of information from which a model draws accurate answers.



Where the analogy ends: God's Word is living and authoritative. A knowledge base is merely stored human information.



Key Takeaway: Scripture teaches devotion to God's Word. We borrow only the principle of drawing from a trusted source.

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Day 22 | **Retrieval** | Part 3 – How AI thinks during use

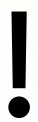
 **What it Means:** Retrieval is bringing back the most relevant stored information when needed. AI fetches useful information from memory or a database.



Scripture as analogy: John 14:26

"But the Helper, the Holy Spirit...will teach you all things and bring to your remembrance all that I have said to you."

Context: Jesus promises the apostles that the Holy Spirit will remind them of His teachings.



Why this is an analogy: Just as Jesus promises that the Holy Spirit will bring His specific teachings back to the disciples' active remembrance when needed, AI retrieval actively fetches and brings relevant, previously stored information out of a database or memory into present use.



Where the analogy ends: The Holy Spirit is God, personally guiding believers. AI retrieval is a mechanical lookup with no divine activity.



Key Takeaway: Scripture teaches the ministry of the Holy Spirit. We borrow only the principle of recalling previously stored information.

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AI concepts through the lens of God's Word

Day 23 | **Inference** | Part 3 – How AI thinks during use

 **What it Means:** Inference is when a trained AI uses what it has learned to answer a new question or make a prediction. AI applies prior learning to new situations.



Scripture as analogy: Proverbs 1:5

“Let the wise hear and increase in learning, and the one who understands obtain guidance.”

Context: Wisdom applies learned truth to new circumstances.



Why this is an analogy: Just as biblical wisdom centers on a wise person hearing, increasing in learning, and applying that accumulated truth to navigate new circumstances, AI inference is the process where a trained model applies its prior learning to evaluate and answer an entirely new question.



Where the analogy ends: Human wisdom includes discernment and moral judgment and AI performs mathematical computation.



Key Takeaway: Scripture teaches wise application of knowledge. We borrow only the principle of applying previous learning.

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AI concepts through the lens of God's Word

Day 24 | **Hallucinations** | Part 3 – How AI thinks during use



What it Means: Sometimes an AI confidently gives an answer that sounds believable but is actually false. This is called an AI hallucination. The AI is not lying—it simply predicts words that appear likely based on patterns, even when the information is incorrect or unsupported.



Scripture as analogy: Proverbs 18:13

"If one gives an answer before he hears, it is his folly and shame."

Context: The proverb warns against speaking before fully understanding the matter.



Why this is an analogy: Just as the proverb warns against the folly and shame of confidently blurting out an answer before fully hearing and understanding the matter, an AI hallucination occurs when a model confidently generates a believable-sounding response based on a superficial patterns without true underlying facts.



Where the analogy ends: Humans are morally accountable for careless speech, while AI is not morally responsible. AI has no intention, honesty, or deceit.



Key Takeaway: The proverb addresses human wisdom; AI hallucinations simply illustrate what happens when information is generated without true understanding.

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AI concepts through the lens of God's Word

Day 25 | **Confidence Score** | Part 3 – How AI thinks during use



What it Means: A confidence score estimates how certain an AI is about its prediction. AI estimates how likely the model believes its answer is correct, but it does not guarantee accuracy.



Scripture as analogy: Daniel 5:27

“TEKEL, you have been weighted in the balances and found wanting.”

Context: During Belshazzar's feast, God pronounced judgment on the Babylonian King. The writing on the wall declared that God had evaluated Belshazzar and found him lacking according to His righteous standard.



Why this is an analogy: Just as God evaluated Belshazzar's life against His righteous standard and pronounced a definitive assessment that he was 'found wanting', an AI confidence score provides a statistical assessment indicating how likely the model evaluates its own answer to be correct.



Where the analogy ends: Daniel describes God's perfect and infallible judgment over human lives. An AI confidence score is neither a judgment nor a guarantee of correctness. It is simply a statistical estimate that may be right or wrong.



Key Takeaway: Scripture teaches God's evaluation is perfect. We borrow only the principle that an assessment can indicate whether something meets a standard.

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AI concepts through the lens of God's Word

Day 26 | **Explainability** | Part 3 – How AI thinks during use

 **What it Means:** Explainability is the ability to understand why an AI reached a particular decision. AI should be able to show how it arrived at an answer.



Scripture as analogy: 1 Peter 3:15

"Always being prepared to make a defense to anyone who asks you for a reason for the hope that is in you."

Context: Christians should be ready to explain their faith graciously.

 **Why this is an analogy:** Just as Peter instructs believers to always be prepared to offer a clear, understandable reason for the hope that is within them, AI explainability represents the system's capacity to show the logical steps and reasons behind how it arrived at a particular decision.

 **Where the analogy ends:** Peter speaks about defending faith, while AI explanations describe computational processes.

 **Key Takeaway:** Scripture teaches giving reasons for our hope. We borrow only the principle that important conclusions should be understandable.

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AI concepts through the lens of God's Word

Day 27 | **Pipeline** | Part 4 – How AI works in the real world

 **What it Means:** A pipeline is a sequence of connected processing steps where each stage prepares the input for the next. AI completes work through an organized series of steps.



Scripture as analogy: 1 Corinthians 14:40

“But all things should be done decently and in order.”

Context: Paul teaches orderly worship within the church.



Why this is an analogy: Just as Paul instructs that church practice should be conducted in an orderly, structured sequence to prevent confusion, an AI pipeline organizes engineering steps into a precise, connected sequence where each stage successfully prepares data for the next.



Where the analogy ends: Paul addresses worship, while AI addresses software engineering.



Key Takeaway: Scripture teaches orderly practice. We borrow only the principle that good processes follow a clear order.

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AI concepts through the lens of God's Word

Day 28 | **Guardrails** | Part 4 – How AI works in the real world

 **What it Means:** Guardrails are rules and safety mechanisms placed around an AI system to prevent harmful, unethical, or unsafe outputs. They help keep the AI operating within appropriate boundaries.



Scripture as analogy: Psalm 119:11

"I have stored up your word in my heart, that I might not sin against you."

Context: God's Word provides boundaries that guide believers toward righteousness and away from sin.



Why this is an analogy: Just as storing up God's Word in the heart establishes protective boundaries that keep a believer from straying into sin, AI guardrails set firm technical boundaries and safety rules to keep a model operating safely and prevent harmful outputs.



Where the analogy ends: God's Word transforms the human heart through the work of the Holy Spirit. AI guardrails merely enforce programmed rules.



Key Takeaway: Scripture changes people spiritually. We borrow only the principle that boundaries are important.

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AI concepts through the lens of God's Word

Day 29 | **Automation** | Part 4 – How AI works in the real world

 **What it Means:** Automation allows repetitive tasks to be completed with little ongoing human effort. Machines repeatedly perform assigned work.



Scripture as analogy: Exodus 18:21–22

“Let them judge the people at all times...”

Context: Jethro advises Moses to delegate responsibilities to capable leaders.

 **Why this is an analogy:** Just as Jethro advises Moses to delegate routine responsibilities to capable leaders so the work is distributed efficiently, technical automation hands repetitive tasks over to software, allowing machines to perform assigned work with minimal ongoing human effort.



Where the analogy ends: Delegation involves human leadership. Automation involves software.



Key Takeaway: Scripture teaches wise delegation. We borrow only the principle of distributing work efficiently.

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AI concepts through the lens of God's Word

Day 30 | **Agent** | Part 4 – How AI works in the real world

 **What it Means:** An AI agent is a system that can observe, decide, and perform tasks toward a goal with limited human intervention. AI agents act on instructions to accomplish objectives.



Scripture as analogy: Luke 10:2

“The harvest is plentiful, but the laborers are few”

Context: Jesus sends His disciples to carry out His mission.

 **Why this is an analogy:** Just as Jesus commissions and sends out His disciples as active laborers to independently step into the harvest field and fulfill His missions, an AI agent is designed to dynamically observe, decide, and act on instructions to accomplish a specific objective with limited human intervention.



Where the analogy ends: Disciples are willing servants of Christ. AI agents have no will, faith, or relationship with God.



Key Takeaway: Scripture teaches faithful service. We borrow only the principle of carrying out assigned work.

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AI concepts through the lens of God's Word

Day 31 | **HITL** | Part 4 – How AI works in the real world

 **What it Means:** Human-in-the-loop (HITL) is an AI design approach in which people remain actively involved in the AI system's decision-making process. Rather than allowing AI to operate completely on its own, humans review, correct, approve, or override its outputs.

 **Scripture as analogy: Proverbs 15:22**
"Without counsel plans fail, but with many advisers they succeed."

Context: Solomon teaches that wise decisions are rarely made in isolation. Seeking counsel from others brings additional wisdom, perspective, correction, and accountability.

 **Why this is an analogy:** Just as Proverbs teaches that complex plans succeed when multiple advisers provide critical oversight instead of relying on a single isolated perspective, a HITL system intentionally weaves human judgment into the process to review outputs, correct mistakes, and provide accountability.

 **Where the analogy ends:** Proverbs is teaching about the wisdom of seeking godly counsel in human decision-making. It is not describing artificial intelligence or human supervision of machines.

 **Key Takeaway:** Scripture teaches the value of wise human counsel and accountability. We borrow only the principle that important decisions are strengthened when responsible human oversight remains part of the process.

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AI concepts through the lens of God's Word

Day 32 | **Feedback loop** | Part 4 – How AI works in the real world



What it Means: A feedback loop occurs when an AI system is improved by learning from evaluations of its outputs. Human reviewers, users, or automated systems identify what worked well and what needs improvement, allowing future versions to perform better.



Scripture as analogy: Proverbs 9:9

“Give instruction to a wise man, and he will be still wiser; teach a righteous man, and he will increase in learning.”

Context: Proverbs teaches that wisdom grows through humility, correction, and instruction. A wise person welcomes learning rather than resisting it.



Why this is an analogy: Just as a wise person actively welcomes instruction and correction to continuously grow in knowledge and maturity, an AI feedback loop captures evaluations of past outputs and uses that data to refine and improve the model's future performance.



Where the analogy ends: People learn with understanding, humility, and moral responsibility. AI does not become wise or mature. It is simply adjusted through engineering and optimization based on feedback.



Key Takeaway: The Scripture teaches lifelong growth in wisdom. We are borrowing the principle that thoughtful correction improves future performance.

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AI concepts through the lens of God's Word

Day 33 | **Latency** | Part 4 – How AI works in the real world



What it Means: Latency is the time it takes for an AI system to respond after receiving a request. It's how quickly AI answers.



Scripture as analogy: Habakkuk 2:3

"For still the vision awaits its appointed time... If it seems slow, wait for it; it will surely come; it will not delay."

Context: God assures Habakkuk that His promises will be fulfilled according to His perfect timing.



Why this is an analogy: Just as the prophet is reminded that God's sovereign vision unfolds according to an appointed time and requires patient waiting, AI latency represents the necessary processing time a system requires to calculate and return an answer after a request is made.



Where the analogy ends: God's timing is purposeful and sovereign. AI latency is simply processing speed.



Key Takeaway: Scripture teaches trust in God's timing. We borrow only the principle that not every response is instantaneous.

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