

כנס שנתי 2024
לשכת המבקרים הפנימיים IIA ישראל

חן הרייתי, רו"ח, MA-BE, CSA, CDPSE, CISO, CISA
מבקר פנימי ראשי, מרכז סליקה בנקאי (מסב)
<https://www.linkedin.com/in/chen-haryati/>



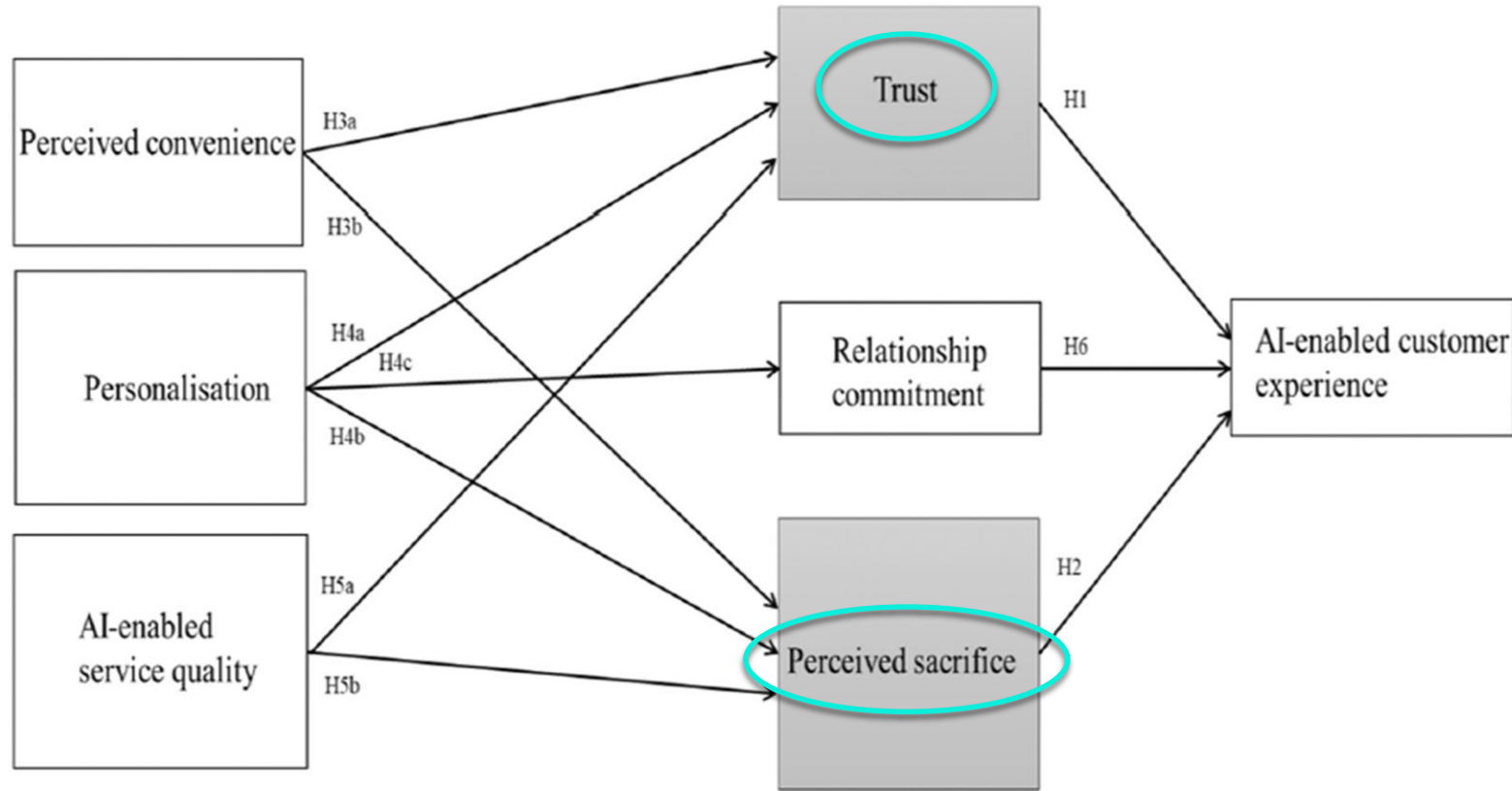
אז על מה נדבר?

- ✓ קצת פסיכולוגיה
- ✓ צ'אטבוטים מבוססי בינה מלאכותית יוצרת **(Generative AI)** ומודלי שפה גדולים (LLM)
- ✓ הזדמנויות וסיכונים
- ✓ איך זה יכול לעזור לנו **בביקורת הפנימית?**
- ✓ עשו ואל תעשו..

ישנם 2 סוגי אנשים...

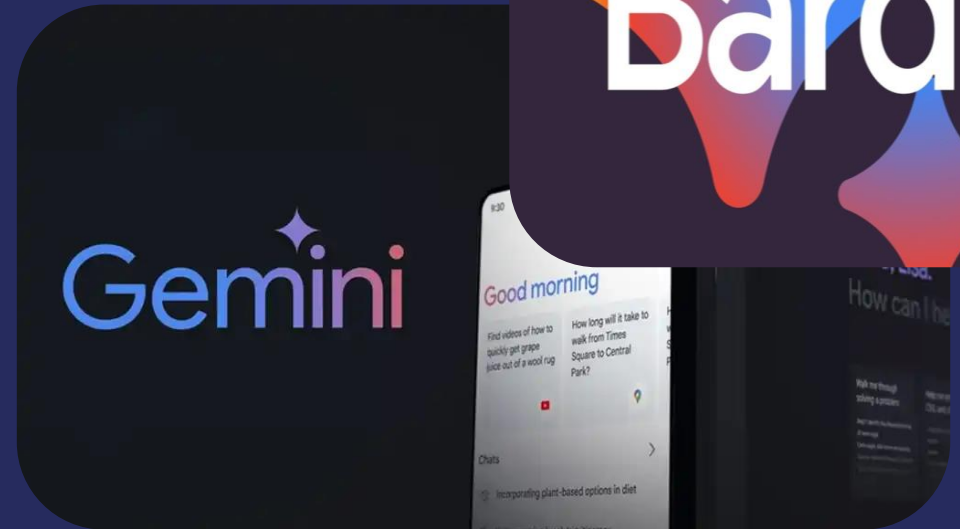


רגע של פסיכולוגיה



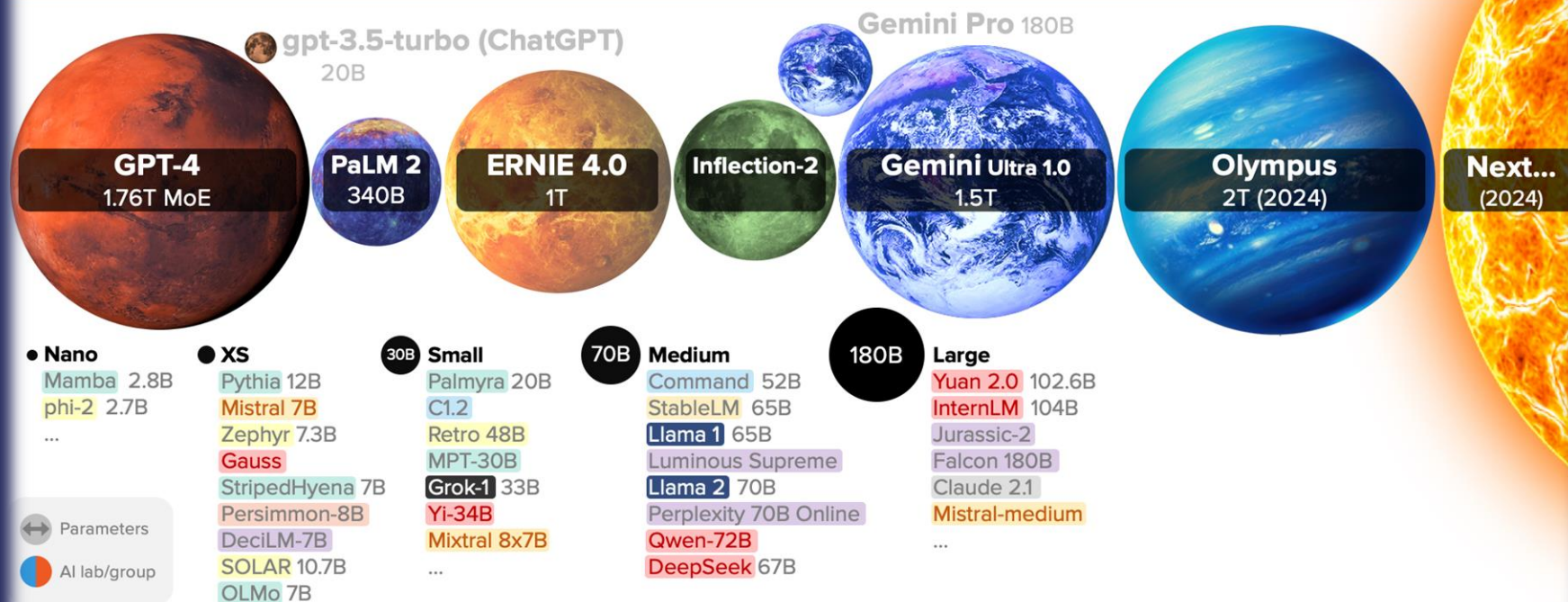
צ'אטבוטים?!?!

- צ'אטבוטים מבוססי בינה מלאכותית יוצרת (**Generative AI**)
- בנויים על מודלי שפה גדולים (LLM)
- עיבוד שפה טבעית (NLP) החוקר כיצד מחשבים ושפות מתקשרים
- NLP משתמש בכלים **מעולמות הבלשנות** (תחביר, סמנטיקה ופרגמטיקה) כדי לאפשר למחשבים לקרוא, לשמוע ולנתח נתונים מבוססי שפה



מודלי שפה מובילים

LARGE LANGUAGE MODEL HIGHLIGHTS (FEB/2024)



Sizes linear to scale. Selected highlights only. All models are available. All models are Chinchilla-aligned (20:1 tokens:parameters) <https://liferchitect.ai/chinchilla/>. All 200+ models: <https://liferchitect.ai/models-table/>. Alan D. Thompson, 2023-2024.

הזדמנות VS סיכון


סיכונים

1. פרטיות ואבטחה
2. **מידע שגוי (Hallucination)**
3. הטיות
4. חוסר מודעות לקונטקסט
5. הסתמכות יתרה על AI
6. דילמות אתיות ושפה פוגענית
7. זמינות

הזדמנויות

1. חיסכון משמעותי בזמן
2. מסוגלים להפיק תוצר לא רע*
3. פותח אופקים לנושאים שלא חשבנו עליהם קודם
4. מגניב בטירוף! 😊

< 2/2 >  ?למה נוהגים לאכול 12 מופלטות במימונה

< 2/2 >  בעיקרון, לא קיים כלל או חובה לאכול 12 מופלטות במימונה. המסורת של אכילת 12 מופלטות במימונה היא נפוצה בעיקר בקרב **מספר מאוד גדול של יהודים אשכנזים ברחבי העולם**. אך כדי להבין את המקור והסיבה למסורת זו, ניתן לעקוב אחר ההיסטוריה הרבה אחורה

מקור המסורת נחתם למרבה הסתם בעיקרון הכללי של צריכת **פרות ברכה בראשית ירח החודש העברי (ראש חודש)**, שהוא מסורת **משפחתית וחברתית שנתיים מכריית העולם**. כמו כן, על-פי המסורת יש לאכול מספר פרות נוספות במימונה עקב מנהגים הנוגעים לכיסוי צרכי השנה והעתיד, הרבה מאוד מנהגים נוספים קשורים למיסוד ולכיסוי צרכי חדשה שנה שלמה, **אף מנהגים נוספים קשורים לחסד ולקיום התורה**.

לאור ההיסטוריה הזו והקשרים החברתיים והמשפחתיים של המסורת, עשויה להתפתח מן המסורת **הראשונית מספר המופלטות שנגלל ביהודי אשכנז בישראל ובחו"ל**.

חשוב לציין כי מדובר במסורת ולא בכלל איסור דתי, ולכן אין חובה לאכ



אז איך זה יכול לעזור
לנו בביקורת הפנימית?



You

And now, please write a detailed audit plan for each test (for each test)



ChatGPT

Creating detailed audit plans for each test identified in an Online Payment System involves establishing objective outcomes, and documentation strategies for each area of this task, I'll outline the approach for the first few tests adapted for the remaining areas.

1. Inadequate Encryption for Data at Rest and in Transit

- **Objective:** To assess whether the encryption of data at rest and in transit meets industry standards and best practices.
- **Scope:** All systems and databases storing sensitive information used for transmitting sensitive data.
- **Methodology:** Review current encryption protocols and standards (e.g., AES-256 for data at rest, TLS 1.2 or higher for data in transit) and consult with security staff. Utilize encryption testing tools if applicable.
- **Expected Outcomes:** Identification of any encryption protocol gaps against industry standards, along with recommendations for upgrading or implementing stronger encryption.
- **Documentation:** A report detailing current encryption standards in use, gaps identified, and actionable recommendations for enhancements.



ChatGPT



I've created another image for your report cover, this time incorporating a blend of digital security and financial transaction elements, designed with a sleek and professional aesthetic in deep blues and metallic grays. This design is also tailored for a corporate report in A4 landscape orientation, suitable for a PPTX presentation.



CHATGPT

If you want each duplicate reference number to appear on separate lines while still showing their respective total amounts, you can achieve this by using a subquery within the main query. Here's how you can modify the query:

```

Sql Copy code
SELECT CleanedRef_Num, DuplicateCount, TotalAmount
FROM (
  SELECT
    CleanedRefNumbers.CleanedRef_Num,
    Count(CleanedRefNumbers.CleanedRef_Num)
    AS DuplicateCount, Sum(DB1.Amount)
    AS TotalAmount
  FROM (
    SELECT [Ref_Num],
    Replace(Replace(Replace(Replace(Replace([Ref_Num], '*', ''), '#', ''), '@', ''), '$', ''), '%', '')) AS CleanedRef_Num
  FROM DB1
  ) AS CleanedRefNumbers
  INNER JOIN DB1 ON
  CleanedRefNumbers.CleanedRef_Num =
  DB1.Ref_Num
  GROUP BY
  CleanedRefNumbers.CleanedRef_Num
  HAVING
  Count(CleanedRefNumbers.CleanedRef_Num)
  > 1
  ) AS Duplicates
ORDER BY CleanedRef_Num, TotalAmount;

```

In this modified query:

1. The subquery (aliased as `Duplicates`) calculates the total count (`DuplicateCount`) and total amount (`TotalAmount`) for each cleaned reference number while still grouping them by the cleaned reference number. This will include each duplicate reference number in a separate row.

CHATGPT

Certainly, if you prefer a more compact representation for your 20 variables, the model can be expressed as:

$$\text{Audit Hours} = \beta_0 + \sum_{i=1}^{20} \beta_i \times \text{Variable}_i + u$$

Here:

- Audit Hours is the dependent variable.
- β_0 is the intercept term.
- β_1 to β_{20} are the coefficients associated with each respective variable.
- Variable_i represents the independent variable (e.g., Company Size, Organizational Structure, etc.).
- u is the error term.

This concise representation uses the summation symbol to denote the sum of the products between each coefficient and its corresponding variable.

CHATGPT

Certainly! Here's the full R script based on our conversation, including the questionnaire, data generation, model fitting, and prediction:

```

R Copy code
# Define the questionnaire
questionnaire <- c(
  "Company Size",
  "Organizational Structure",
  "Geographical Presence",
  "Regulatory Environment",
  "Market Dynamics",
  "Economic Conditions",
  "Global Events",
  "Company Complexity",
  "Technological Landscape",
  "Variety of Services",
  "Complexity of Services",
  "Financial Benchmark Revenue Growth",
  "Financial Benchmark Profitability",
  "Financial Benchmark Debt-to-Equity Ratio",
  "Subjective Risk Financial",
  "Subjective Risk Operational",
  "Subjective Risk Compliance",
  "Subjective Risk Strategic",
  "Hourly Rate for Audit Professionals",
  "Periodic Review Mechanism",
  "Feedback Loop",
  "Overall Satisfaction"
)

# Generate sample data (replace this with your actual data)
set.seed(123) # for reproducibility
data <- data.frame(
  Company_Size = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Organizational_Structure = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Geographical_Presence = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Regulatory_Environment = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Market_Dynamics = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Economic_Conditions = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Global_Events = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Company_Complexity = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Technological_Landscape = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Variety_of_Services = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Complexity_of_Services = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Financial_Benchmark_Revenue_Growth = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Financial_Benchmark_Profitability = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Financial_Benchmark_Debt_to_Equity_Ratio = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Subjective_Risk_Financial = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Subjective_Risk_Operational = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Subjective_Risk_Compliance = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Subjective_Risk_Strategic = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Hourly_Rate_for_Audit_Professionals = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Periodic_Review_Mechanism = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Feedback_Loop = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE),
  Overall_Satisfaction = sample(c("A", "B", "C", "D", "E"), 100, replace = TRUE)
)

```



כלי AI אחרים



DALL·E 2

מודל deep learning שפותח
גם הוא על ידי OpenAI
משמש ליצירת תמונות
דיגיטליות מתיאורי שפה טבעית

DALL·E 2





Wolfram

Access computation, math, curated knowledge & real-time data from Wolfram|Alpha and Wolfram...

By gpt.wolfram.com



ElevenLabs Text To Speech

Convert text into lifelike speech with ElevenLabs (limited to 1,500 characters)

By Ammaar Reshi



Whimsical Diagrams

Explains and visualizes concepts with flowcharts, mindmaps and sequence diagrams.

By whimsical.com









Consensus

Your AI Research Assistant. Search 200M academic papers from Consensus, get science-based...

By consensus.app

Trending

Most popular GPTs by our community

-  **image generator**
A GPT specialized in generating and refining images with a mix of professional and friendly tone.image generator
By NAIF J ALOTAIBI
-  **Logo Creator**
Use me to generate professional logo designs and app icons!
By Chase Lean
-  **Canva**
Effortlessly design anything: presentations, logos, social media posts and more.
By community builder
-  **Cartoonize Yourself**
Turns photos into Pixar-style illustrations. Upload your photo to try
By karenxcheng.com
-  **Consensus**
Your AI Research Assistant. Search 200M academic papers from Consensus, get science-based answers, and draft content...
By consensus.app
-  **Write For Me**
Write tailored, engaging content with a focus on quality, relevance and precise word count.
By puzzle.today

[See more](#)

איך להשתמש בכלי AI נכון?

איך להשתמש בכלי AI נכון?

לא לפחד מהם...

כדי לקבל תשובות מועילות חשוב לנסח בצורה מפורטת את הקלט

אל תפחדו לומר שאתם לא מרוצים 😊

חשוב לקרוא את התשובות באופן ביקורתי ובערבון מוגבל

להשתמש בהם ככלים מאפשרים ולא כדי להחליף את הביקורת

לפחות לא בשלב הזה....



ChatGPT Cheat Sheet

By @hasantoxr

Define ChatGPT Role

- Act as a Linux Terminal
- Act as "position" Interviewer
- Act as a JavaScript Console
- Act as an Excel Sheet
- Act as an English Teacher
- Act as a Plagiarism Checker
- Act as an Advertiser
- Act as a Relationship Coach
- Act as a Recruiter

Learn from ChatGPT

- Explain clearly
- Explain uniquely
- Explain detailed
- Explain like I'm 5
- Explain with examples
- Explain to 5th grades
- Explain like Elon Musk
- Explain detailed with examples
- Explain to high school students

Chained Prompting

- Write an article about ChatGPT.
- First give me the outline, which consists of a headline, a teaser, and several subheadings.
[Output]
- Now write 5 different subheadings.
[Output]
- Add 5 keywords for each subheading.
[Output]

Prompts for Marketers

- Can you provide me with some ideas for blog posts about [topic].
- Write a product description for my [product or service or company]
- Suggest inexpensive ways I can promote my [company] without using social media.
- How can I obtain high-quality backlinks to raise the SEO of [website name]

Prompts for Designers

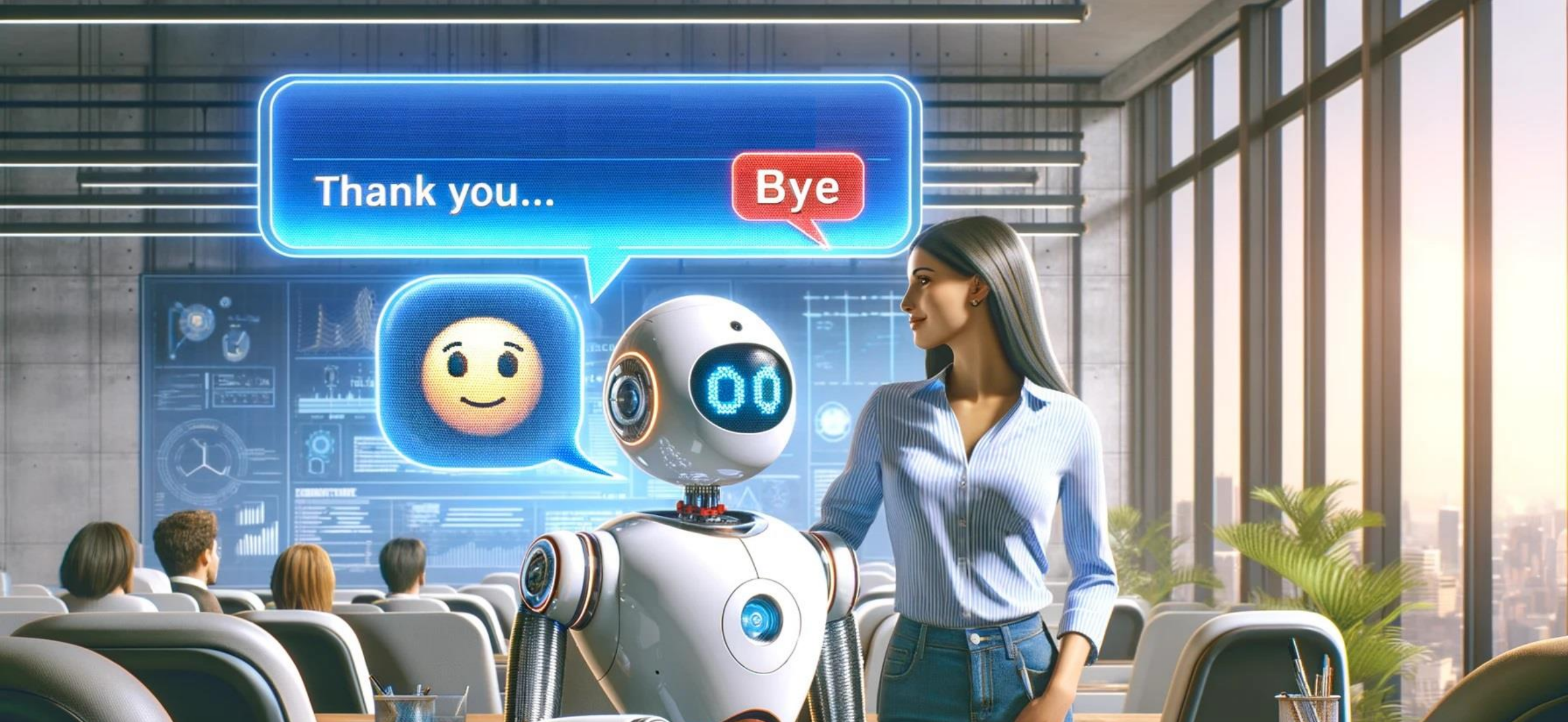
- Generate examples of UI design requirements for a [mobile app].
- How can I design a [law firm website] in a way that conveys [trust and authority].
- What are some micro-interactions to consider when designing fintech app.
- Create a text-based excel sheet to input your copy suggestions. Assume you have 3 members in your UX writing team

Prompts for Developers

- Develop an architecture and code for a <description> website with JavaScript.
- Help me find mistakes in the following code <paste code below>.
- I want to implement a sticky header on my website. Can you provide an example using CSS and JavaScript?
- Please continue writing this code for JavaScript <post code below>

דוגמאות לשאלות שאפשר להתנסות

- I'm conducting an Internal audit process regarding the development team of an Online System (hereafter," Dev-Audit").
- I have a few questions regarding the "Dev-Audit".
Please answer as an internal auditor.
- I want to understand the" Dev-Audit".
- Please search for data and sources regarding Online Systems and the "Dev-Audit".
Divide your answer into standards (such as ISO NIST, etc.), public information & academic resources.
- Please give me objectives, an audit plan & time management framing for the internal audit regarding the "Dev-Audit".
- Please elaborate more on the objective part.
- Following these objectives, please give me the top 20 tests you will check on the "Dev-Audit" topic.
- And now, please make a detailed audit plan for each test from the previous answer. (separate plan for each test)Based on our conversation,
Give me the Segregation of Duties Metrix for the" Dev-Audit".
- Please give me the top 10 findings (with examples) you predict that you can find in the internal audit regarding the "Dev-Audit".
- Based on our conversation, what will you ask the auditee for the initial required documents?
- Based on our conversation, create a cool image for the report cover. Make it compatible with PPTX files, size A4, and landscape.



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