

POST 20 - GEN AI

FROM DECKS TO DIGESTIBLE: AI-POWERED PRESENTATION SUMMARIES IN SECONDS

Applications - Part 5
(Microsoft Copilot)

**GENERATIVE AI
FOR ALL**

 **DINESHLAL**



DINESH LAL
(DIRECTOR, DATA SCIENCE)



WHAT IS COVERED IN THE DOCUMENT

- In this document we will discuss Generative AI use case in **Powerpoint Presentation Summarization**
- We will go through 2 use cases and learn about the summarization feature of Copilot
- First Use case is summarizing a presentation on **Introduction to Security Markets** by NSDL
- Second Use case is helping to summarize a presentation on **Financial Statement** by Prof Eric Suuberg



Use Case 1: In the next few pages we will learn how to summarize presentation, with an example presentation on
“Introduction to Security Markets”

The Presentation is available to download freely on <https://nsdl.co.in>



1. OPEN THE PRESENTATION IN MICROSOFT POWERPOINT

Introduction to Securities Market NSDL

Introduction to Securities Market

NSDL
Technology, Trust & Reach
IPFT

1. Introduction to Securities Market

2. What are Securities?

1. Equity Shares
2. Preference Shares
3. Debentures / Bonds
4. Mutual Fund Units
5. Government Securities
6. Others

What are not Securities?

1. Fixed deposit with banks or companies
2. Insurance policies
3. Provident Fund / Public Provident Fund

3. What is Securities Market?

1. Market is a place where things are bought and sold.
2. Securities market is a market where securities are bought and sold.
3. There are various participants / agents / entities and products in the securities market.
4. Securities Market is part of Capital Market.

4. Why is Securities Market essential?

1. Provide opportunity for entrepreneurs to raise capital for business.

2. CLICK ON COPILOT ICON ON THE TOP RIGHT SIDE OF HOME TAB

The screenshot displays the Microsoft PowerPoint interface. The title bar shows the file name "Presentation_on_Introduction_to_Securities_Markets_for_Students". The ribbon is set to the "Home" tab, with various toolbars for Clipboard, Slides, Font, Paragraph, Drawing, and Editing. The main slide area shows a presentation titled "Introduction to Securities Market" with the NSDL logo. The slide content includes an illustration of a presenter and an audience, and a list of topics. On the right side, the Copilot pane is open, showing a chat interface with a yellow arrow pointing to the Copilot icon in the top right corner of the ribbon. The Copilot pane contains the text: "I can chat, respond to questions, and help you draft this presentation. Here are some things you can try..." followed by buttons for "Summarize this presentation", "Organize this presentation", and "Ask a question about this deck...". At the bottom of the Copilot pane, there is a text input field "Ask me anything about this presentation" and a character count "0/2000".

3. CLICK ON "SUMMARIZE THE PRESENTATION OPTION"

The screenshot displays the Microsoft PowerPoint interface. The main slide is titled "Introduction to Securities Market" and features the NSDL logo. The Copilot sidebar on the right is active, showing a list of suggestions. An orange arrow points to the "Summarize this presentation" option. Below this, a progress bar indicates "Scanning the deck..." and a "Stop generating" button is visible. The bottom status bar shows "Slide 1 of 42", "English (India)", and "Accessibility: Investigate".

AutoSave On Presentation_on_Introduction_to_Securities_Markets_for_Students

File Home Office Insider Insert Draw Design Transitions Animations Slide Show Record Review View Help

Clipboard Slides Font Paragraph Drawing Editing Voice Add-ins Designer Copilot

1 Introduction to Securities Market NSDL

2 What are Securities? NSDL

3 What is Securities Market? NSDL

4 Why is Securities Market essential? NSDL

5 Primary and Secondary Market NSDL

Introduction to Securities Market NSDL Technology, Trust & Reach IPFT

you want this presentation.

Here are some things you can try...

Summarize this presentation

Summarize this presentation

Ask a question about this deck...

Summarize this presentation

Scanning the deck...

Stop generating

Ask me anything about this presentation

0/2000

Slide 1 of 42 English (India) Accessibility: Investigate

4. SUMMARY IS GENERATED ON THE RIGHT SIDE OF PRESENTATION IN COPILOT TAB

The screenshot displays the Microsoft PowerPoint interface. The main slide is titled "Introduction to Securities Market" and features the NSDL logo (Technology, Trust & Reach IPFT). The slide content includes an illustration of a man presenting to a group of three people seated around a table. The left sidebar shows a slide navigation pane with five slides:

1. Introduction to Securities Market
2. What are Securities?
 1. Equity Shares
 2. Preference Shares
 3. Debentures / Bonds
 4. Mutual Fund Units
 5. Government Securities
 6. Others

What are not Securities?

 1. Fixed deposit with banks or companies
 2. Insurance policies
 3. Provident Fund / Public Provident Fund
3. What is Securities Market?
 1. Market is a place where things are bought and sold.
 2. Securities market is a market where securities are bought and sold.
 3. There are various participants / agents / entities and products in the securities market.
 4. Securities Market is part of Capital Market.
4. Why is Securities Market essential?
 1. Provide opportunity for entrepreneurs to raise capital for business.
 2. For investors, stock markets provide a way to invest money and exit when they want.
5. Primary and Secondary Market

The Copilot interface on the right side shows a summary of the deck:

Here's a summary of the deck:

Main ideas:

- **Securities Market:** Securities market is a place where securities are bought and sold, providing opportunities for entrepreneurs to raise capital and for investors to invest their money ¹ ²
- **Investing Early:** Investing early allows money to grow and work for you, with the power of compounding allowing exponential growth for your interest ³ ⁴
- **Prudent Investing:** Investing is not gambling, it requires effort and

Below the summary, there is a search bar with the text "Why is it important to invest early?" and a "C" icon. At the bottom of the Copilot panel, it says "Ask me anything about this presentation" and "0/2000".

The bottom status bar of PowerPoint shows "Slide 1 of 42", "English (India)", "Accessibility: Investigate", "Notes", and "91%" zoom level.

SUMMARY OUTPUT

Here's a summary of the deck:

Main ideas:

- **Securities Market:** Securities market is a place where securities are bought and sold, providing opportunities for entrepreneurs to raise capital and for investors to invest their money
- **Investing Early:** Investing early allows money to grow and work for you, with the power of compounding allowing exponential growth for your interest
- **Prudent Investing:** Investing is not gambling, it requires effort and knowledge. It is important to keep records, change passwords frequently, and be cautious of suspicious links
- **Depository System:** Depositories hold securities in electronic form and are responsible for safe-keeping and record-keeping of securities. NSDL is one such depository
- **Investor Education:** SEBI and NSDL provide resources for investor education, including websites, mobile apps, and newsletters

5. CLICK INDIVIDUAL REFERENCES TO VISIT RESPECTIVE SUMMARY

Benefits of Investing Early

Starting investing early will not only make it easier to build wealth but also increase the probability of reaching financial stability at an early age.

The Power of Compound Interest

Power of compounding:

In simplest terms, compounding interest means interest on interest. Each time you earn interest on your principal, it is added to the original amount, which then becomes the principal for the next cycle.

This allows exponential growth for your interest.

Copilot Search Results:

- 3 "By investing a por..."
- 4 "Power of compoundi..."
- 6 "NSDL Speede - Mobi..."
- 7 "NSDL e-Voting*..."
- 8 "View transactions,..."

	Early Investor	Late Investor
Age	25 years	35 years
Amount Invested / Month	₹ 5,000	₹ 5,000
Rate of Return	8% pa	8% pa
Total Investment	₹ 21 Lakh	₹ 33 Lakh
Amount at the age of 60 years	₹ 71.58 Lakh	₹ 48.42 Lakh

5. CLICK INDIVIDUAL REFERENCES TO VISIT RESPECTIVE SUMMARY

The screenshot shows a Microsoft PowerPoint presentation titled "Presentation_on_Introduction_to_Securities_Markets_for_Students". The current slide is titled "Remember" and features the NSDL logo. The slide content is as follows:

Remember

1. Investment is not gambling.
2. You need to put your effort for your money to work for you.
3. You must know -
 - a) what you are investing in?
 - b) who you are dealing with?
 - c) where to go for help?
4. Do not believe in rumours / market tips. Don't take it. Don't give it.
5. Market timing is impossible for small investor.
6. The more you trade, the more broker earns.

The Copilot sidebar on the right provides a summary of the presentation: "This presentation 'Power of compounding: In simplest terms, compounding interest means interest on interest. Each time you earn interest on your principal, it is added ...'" and a list of references:

- 5 "Investment is not..."
- This presentation "Investment is not gambling. You need to put your effort for your money to work for you. You must know - what you are investing in? who you are dealing..."
- "NSDL Speede - Mobi..."
- 7 "NSDL e-Voting*..."
- 8 "View transactions,..."

At the bottom of the Copilot sidebar, there are search suggestions: "What is NSDL?", "What are securities?", and a text input field "Ask me anything about this presentation" with a character count of 0/2000.

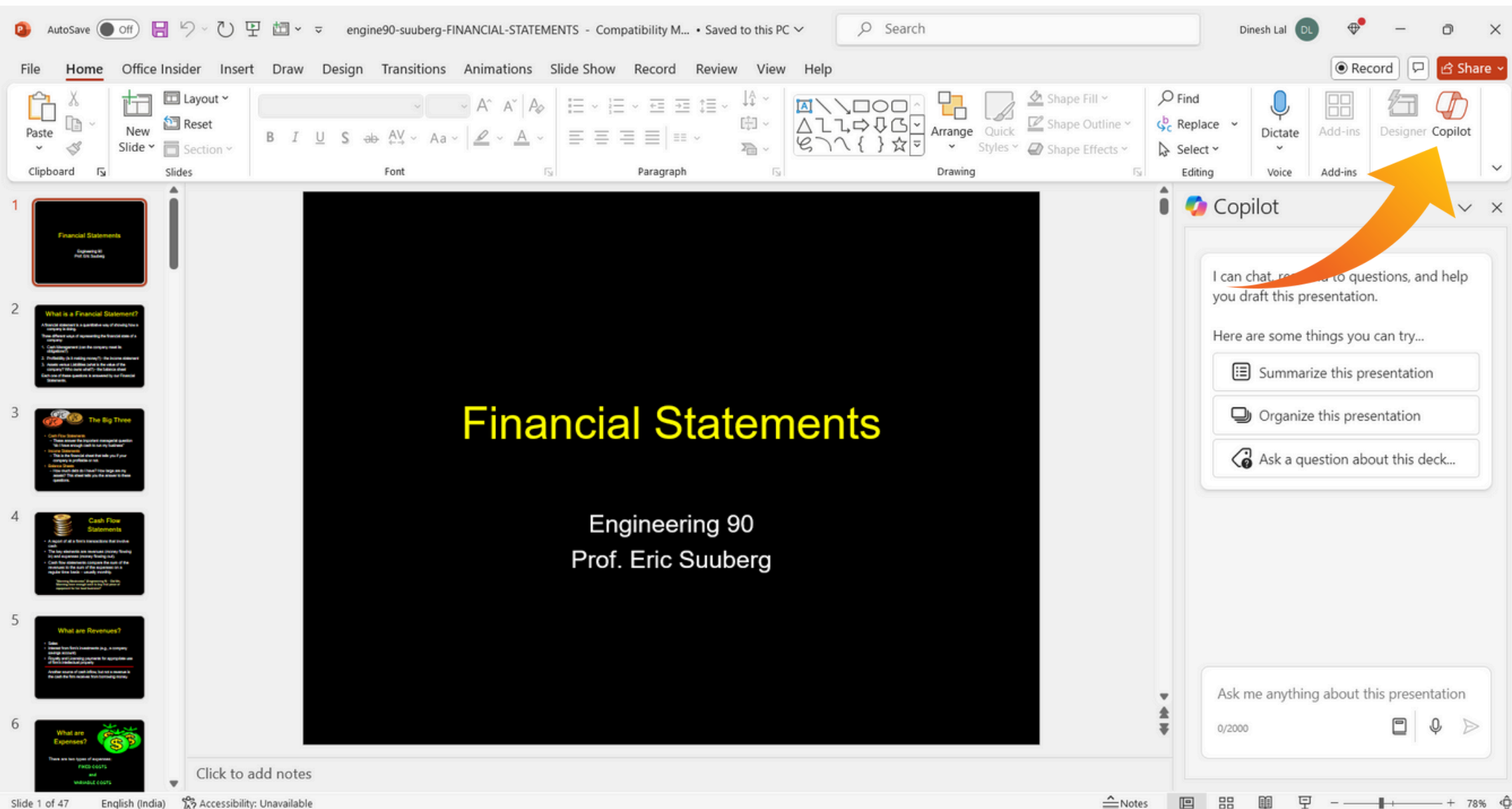
Use Case 2: In the next few pages we
will learn how to summarize
presentation, with an example
presentation on
“Financial Statements”

The Presentation is available to download freely online and is authored by Prof Eric Suuberg

1. OPEN THE PRESENTATION IN MICROSOFT POWERPOINT

The screenshot displays the Microsoft PowerPoint interface. The title bar shows the file name 'engine90-suuberg-FINANCIAL-STATEMENTS' and the user 'Dinesh Lal'. The ribbon includes 'File', 'Home', 'Office Insider', 'Insert', 'Draw', 'Design', 'Transitions', 'Animations', 'Slide Show', 'Record', 'Review', 'View', and 'Help'. The 'Home' ribbon is active, showing options for 'Clipboard', 'Slides', 'Font', 'Paragraph', 'Drawing', 'Editing', 'Voice', and 'Add-ins'. The main slide area shows a black background with the title 'Financial Statements' in yellow and the subtitle 'Engineering 90 Prof. Eric Suuberg' in white. The left sidebar shows a slide thumbnail view with four slides: 1. Financial Statements, 2. What is a Financial Statement?, 3. The Big Three, and 4. Cash Flow Statements. The status bar at the bottom indicates 'Slide 1 of 47', 'English (India)', and 'Accessibility: Unavailable'.

2. CLICK ON COPILOT ICON ON THE TOP RIGHT SIDE OF HOME TAB



The screenshot displays the Microsoft PowerPoint interface. The title bar shows the file name "engine90-suuberg-FINANCIAL-STATEMENTS - Compatibility M..." and the user "Dinesh Lal". The ribbon is set to the "Home" tab, with various tool groups visible: Clipboard, Slides, Font, Paragraph, Drawing, and Editing. The Copilot icon, represented by a colorful circular logo, is located in the top right corner of the ribbon, next to the Designer icon. A large orange arrow points to this Copilot icon. The main slide area shows a presentation slide titled "Financial Statements" by "Engineering 90 Prof. Eric Suuberg". The left sidebar shows a list of slides, and the right sidebar shows the Copilot chat interface with a text input field and a "0/2000" character count.

3. CLICK ON “SUMMARIZE THE PRESENTATION OPTION”

The screenshot displays the Microsoft PowerPoint interface. The main slide is titled "Financial Statements" in yellow text, with the subtitle "Engineering 90 Prof. Eric Suberg". The left sidebar shows a list of slides, with the first slide selected. The top ribbon includes tabs for File, Home, Office Insider, Insert, Draw, Design, Transitions, Animations, Slide Show, Record, Review, View, and Help. The Copilot panel on the right side of the screen is active, showing a chat interface. The chat text reads: "you arart trnis presentation. Here are some things you can try...". Below this, there are three buttons: "Summarize this presentation", "Summarize this presentation", and "Ask a question about this deck...". An orange arrow points to the first "Summarize this presentation" button. Below the buttons, there is a "Summarize this presentation" button in a light red box, followed by a "Working on it.." status bar and a "Stop generating" button. At the bottom of the Copilot panel, there is a text input field with the placeholder "Ask me anything about this presentation" and a character count "0/2000". The status bar at the bottom of the PowerPoint window shows "Slide 1 of 47", "English (India)", and "Accessibility: Unavailable".

4. SUMMARY IS GENERATED ON THE RIGHT SIDE OF PRESENTATION IN COPILOT TAB

The screenshot displays the Microsoft PowerPoint interface. The main slide is titled "Financial Statements" in yellow text, with the subtitle "Engineering 90 Prof. Eric Suuberg". The left sidebar shows a slide thumbnail grid with six slides. The right sidebar features the Copilot panel, which provides a summary of the deck's main ideas:

Here's a summary of the deck:

Main ideas:

- **Financial Statements:** Financial statements are a quantitative way of showing how a company is doing, including cash management, profitability, and assets versus liabilities (1)
- **The Big Three:** The three main financial statements are cash flow statements, income statements, and balance sheets (2)
- **Cash Flow Statements:** Cash flow statements report all of a firm's transactions that involve cash,

Below the summary, there are two search prompts: "What is a Financial Statement?" and "What are Cash Flow Statements?". At the bottom of the Copilot panel, it says "Ask me anything about this presentation" with a character count of "0/2000".

At the bottom of the PowerPoint window, the status bar shows "Slide 1 of 47", "English (India)", and "Accessibility: Unavailable". The bottom right corner of the window shows "Notes", "78%", and a refresh icon.

SUMMARY OUTPUT

Here's a summary of the deck:

Main ideas:

- **Financial Statements:** Financial statements are a quantitative way of showing how a company is doing, including cash management, profitability, and assets versus liabilities
- **The Big Three:** The three main financial statements are cash flow statements, income statements, and balance sheets
- **Cash Flow Statements:** Cash flow statements report all of a firm's transactions that involve cash, including revenues and expenses
- **Income Statements:** Income statements compare the profitability of the firm to prior years by subtracting total yearly expenditures from total yearly revenues
- **Balance Sheets:** Balance sheets list assets and liabilities, with the difference between the two being the equity

5. CLICK INDIVIDUAL REFERENCES TO VISIT RESPECTIVE SUMMARY

The screenshot shows a Microsoft PowerPoint application window. The title bar indicates the file name is 'engine90-suuberg-FINANCIAL-STATEMENTS - Compatibility M...' and it is saved to the PC. The ribbon includes 'File', 'Home', 'Office Insider', 'Insert', 'Draw', 'Design', 'Transitions', 'Animations', 'Slide Show', 'Record', 'Review', 'View', and 'Help'. The main slide area displays the title 'Financial Statements' in large yellow font, with 'Engineering 90' and 'Prof. Eric Suuberg' below it. A sidebar on the left shows a table of contents with six slides. A Copilot panel on the right lists five references related to the presentation content, with an orange arrow pointing from the main slide to the first reference.

References listed in the Copilot panel:

- 1 "What is a Financia..."
- 2 "The Big Three..."
- 3 "Cash Flow Statemen..."
- 4 "Income Statement..."
- 5 "Balance Sheets..."

5. CLICK INDIVIDUAL REFERENCES TO VISIT RESPECTIVE SUMMARY

The screenshot shows a Microsoft PowerPoint presentation slide titled "Cash Flow Statements". The slide features a stack of gold coins on the left and the following text:

Cash Flow Statements

- A report of all a firm's transactions that involve cash
- The key elements are revenues (money flowing in) and expenses (money flowing out).
- Cash flow statements compare the sum of the revenues to the sum of the expenses on a regular time basis – usually monthly.

"Manning Electronics" (Engineering 9) – Did Ms. Manning have enough cash to buy that piece of equipment for her boat business?

On the right side of the slide, there is a Copilot sidebar with a list of references:

- 2 "The Big Three..."
- 3 "Cash Flow Statemen..."
- This presentation "Cash Flow Statements"
- "Income Statement..."
- 5 "Balance Sheets..."

An orange arrow points from the "Cash Flow Statements" reference in the Copilot sidebar to the main content of the slide. Below the references, there are search prompts: "What is a Financial Statement?", "What are Cash Flow Statements?", and "Ask me anything about this presentation".

At the bottom of the slide, it says "Click to add notes". The status bar at the bottom of the PowerPoint window shows "Slide 4 of 47", "English (India)", and "Accessibility: Unavailable".

5. CLICK INDIVIDUAL REFERENCES TO VISIT RESPECTIVE SUMMARY

The screenshot shows a PowerPoint presentation slide titled "Balance Sheets" with the following content:

- Unlike Cash-Flow and Income Statements, Balance Sheets lists **ASSETS** and **LIABILITIES**
- Examples of Assets include:
 - Land and Capital Equipment less accrued depreciation
 - Intellectual Property (if purchased)
 - Cash on Hand (which is equal to the year end Cumulative Cash Balance)
 - Accounts Receivable
 - Inventory
 - Retained Earnings from Previous Years

The Copilot sidebar on the right shows a list of presentation sections:

- 2 "The Big Three..."
- 3 "Cash Flow Statemen..."
- "Income Statement..."
- 5 "Balance Sheets..."

An orange arrow points from the "Balance Sheets..." entry in the Copilot sidebar to the slide content.

At the bottom of the slide, there is a "Click to add notes" button.

At the bottom of the Copilot sidebar, there are search prompts: "What is a Financial Statement?", "What are Cash Flow Statements?", and "Ask me anything about this presentation".



Thank You

**SPECIAL THANKS TO CHATGPT, OPENAI, COPILOT
FOR THE SUPPORT ON CONTENT**