

# The Southern Gujarat Chamber of Commerce & Industry (SGCCI)

## AI IN BANKING: NAVIGATING OPPORTUNITIES & CHALLENGES

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CA PARIKSHIT AURANGABADKAR

| FCA | CS(EXE) | CWA(EXE) | DISA(ICAI) | FAFD(ICAI) | AICA | M.COM |

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# CONTENT

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1. Simplifying the Concept of Robot - AI
2. Talking to AI Assistant – Quick Guide
3. Application: Popular AI TOOLS – ChatGPT, Google notebookLM, Bricks, Claude, Dante

# SIMPLYFING THE CONCEPT OF AI

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AI is **the ability of machines to mimic human intelligence**, such as analysing data, identifying patterns, making predictions, and automating decisions.

## **Layman Explanation:**

Think of AI as a **junior assistant who never sleeps** – it can read thousands of tax returns, notices, and judgments in seconds.

AI does not have “common sense” like humans; it only **learns from data and rules fed to it**.

# SIMPLYFING THE CONCEPT OF AI

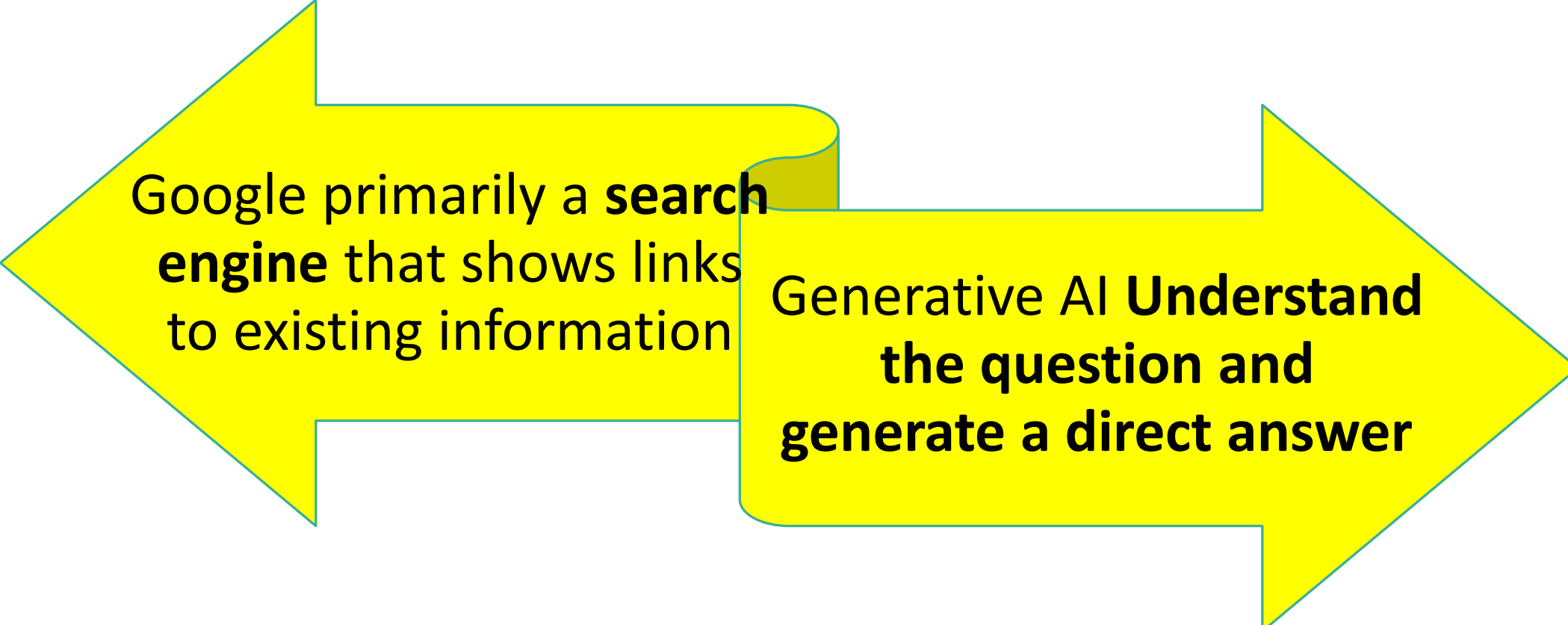
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We are talking to AI since decade;  
Let's see some everyday examples:

1. Auto Washing Machine
2. Microwave Oven
3. Alexa – Music Player
4. GPS –Google Maps
5. ATMS
6. Auto Driven Car

# SIMPLYFING THE CONCEPT OF AI

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Google primarily a **search engine** that shows links to existing information

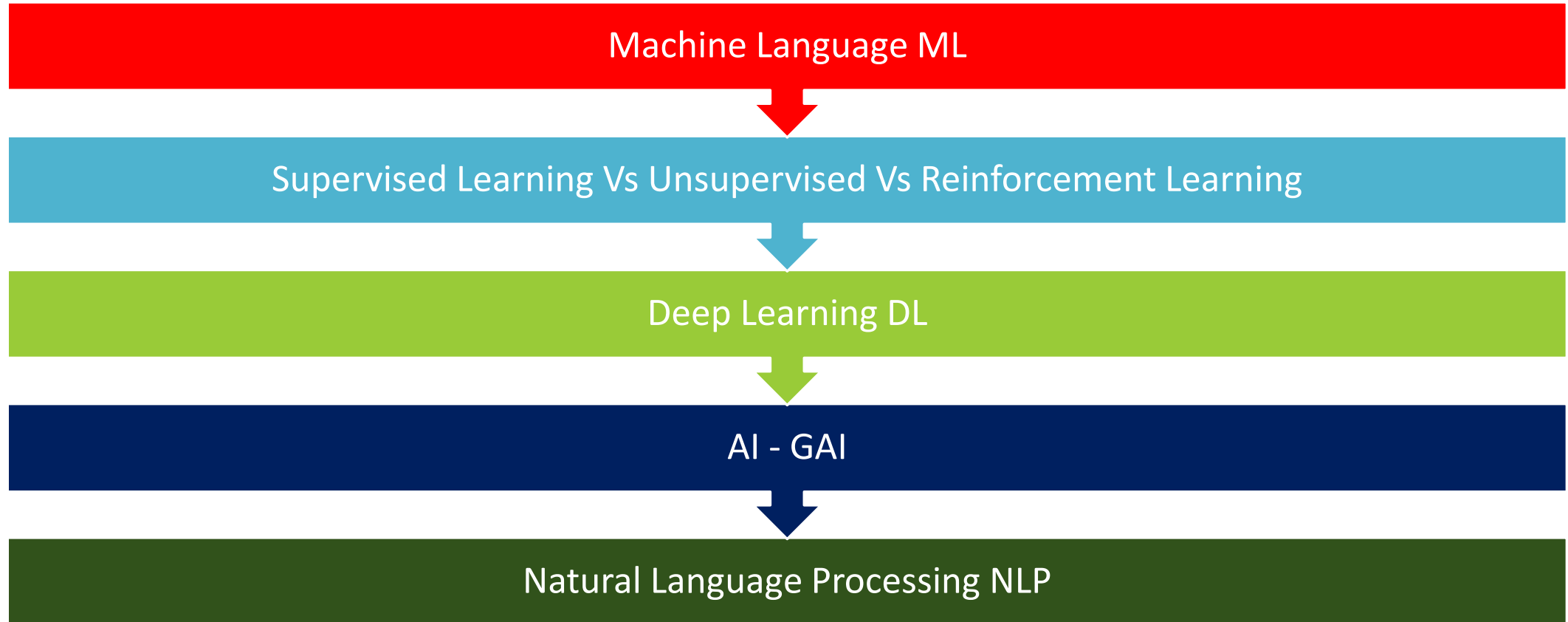
Generative AI **Understand the question and generate a direct answer**

# GOOGLE vs AI TOOLS

Parameter	Google (Search Engine)	AI Tools (Generative AI)
Core Function	<b>Finds information</b> available on websites	<b>Creates an answer</b> based on patterns & training
Output	List of <b>links, pages, ads</b>	<b>Direct response</b> in sentence/paragraph form
Thinking Ability	<b>Does not think</b>	<b>Simulates reasoning</b>
User Effort	User must <b>read, compare, conclude</b>	AI <b>summarises and concludes</b>
Source Visibility	Sources are <b>visible upfront</b>	Sources may be <b>missing / need verification</b>
Risk of Error	Lower (original source visible)	Higher ( <b>hallucination risk</b> )
Professional Responsibility	User validates by reading	<b>User must verify output independently</b>

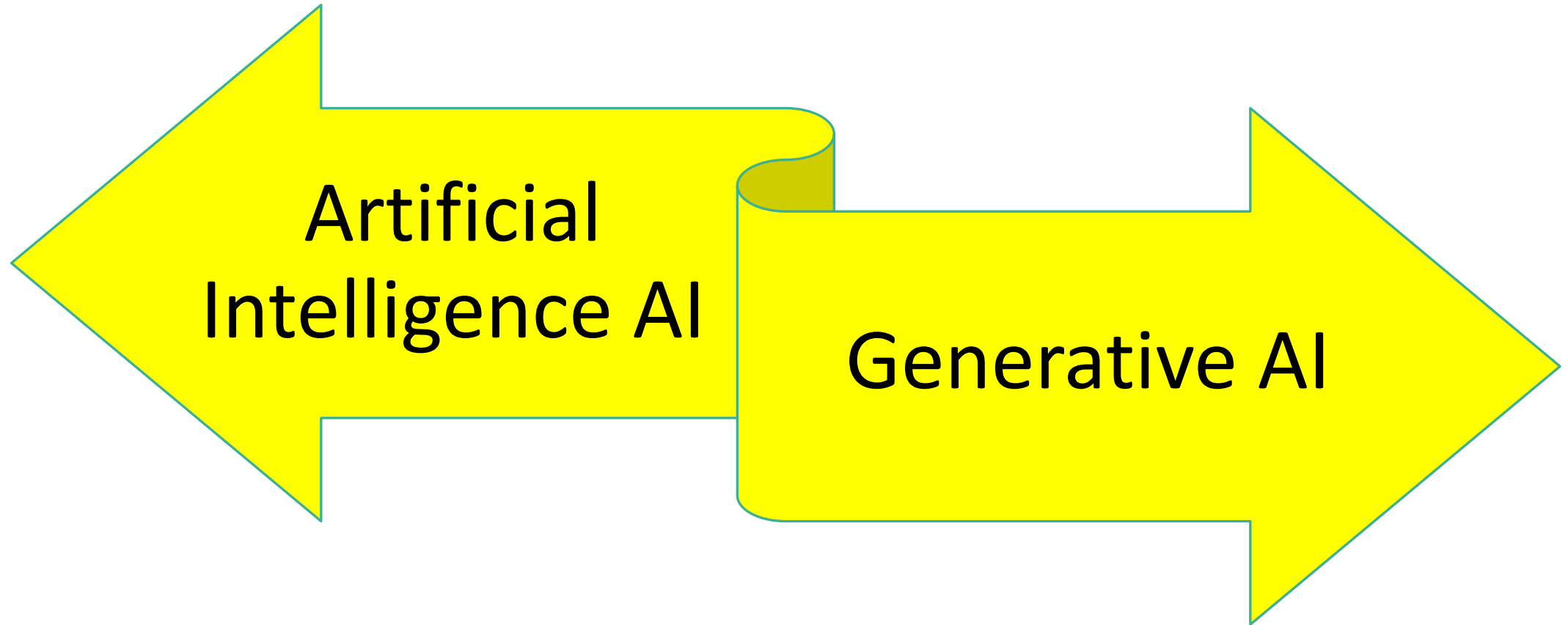
# CONCEPT OF AI

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# SIMPLYFING THE CONCEPT OF AI

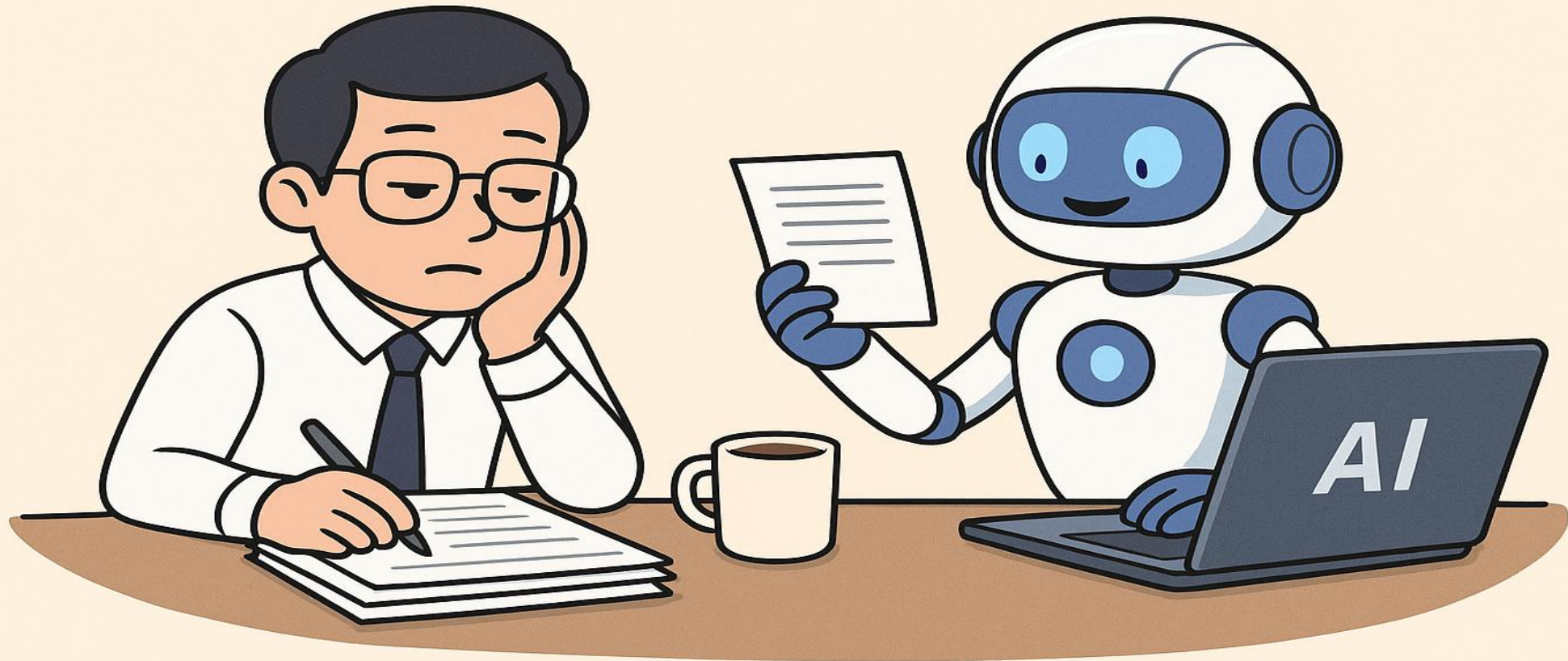
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# SIMPLIFYING THE CONCEPT OF AI

AI is like your junior article clerk who never sleeps, never asks for leave, but sometimes makes over-smart mistakes!





# Maggi Noodles

Ready in  
**2** Minutes



Takes **2** Minutes

**VS**

# AI Chatbot

Answers in  
**Seconds!**



**Fast in 10 Seconds!**

Term	Meaning in Simple Words
Artificial Intelligence (AI)	Technology that enables computers to perform tasks that normally require human intelligence, like reading, analysing, and decision-making.
Machine Learning (ML)	A branch of AI where systems “learn” from past data (e.g., past tax assessments) to make predictions (e.g., chances of scrutiny).
Natural Language Processing (NLP)	AI’s ability to read and understand human language, useful for analysing judgments, notices, and legal documents.
Generative AI	AI that creates new content (draft replies, summaries, explanations) based on the data it has learned.
Automation	Use of AI to perform repetitive tasks automatically, such as reconciling invoices or checking compliance deadlines.
Algorithm	A step-by-step set of rules or instructions used by AI to process data and give results.
Data Privacy	Legal and ethical obligation to protect client information when using AI tools (linked to Digital Personal Data Protection Act, 2023).
Hallucination (AI)	A situation where AI produces incorrect or fabricated results, such as citing non-existent tax judgments.
Predictive Analytics	AI technique that forecasts outcomes using past data (e.g., predicting likelihood of audit or litigation).



### **Sentence contradiction**

This occurs when an LLM generates a statement that contradicts an earlier sentence it has produced.

### **Prompt contradiction**

This happens when the AI-generated content conflicts with the original prompt.

## **Types of AI hallucinations**

### **Factual contradiction**

This arises when the model generates incorrect information as though it were true.

### **Random hallucinations**

This occurs when an AI includes completely unrelated or random details in its output.



taaft.com/any-keyword

# THERE'S AN AI FOR THAT<sup>®\*</sup>

44,555 AI tools for 11,355 tasks and 5,167 jobs

Spotlight



CodeRabbit

Code reviews

Search...

CTRL + K



#1 website for AI tools. Used by 70M+ humans.



Generate images



+ Create AI Tools

▼ Latest

For You

161

↗ Trending



Just released

# AI TOOLS vs LOGIN EMAIL ID

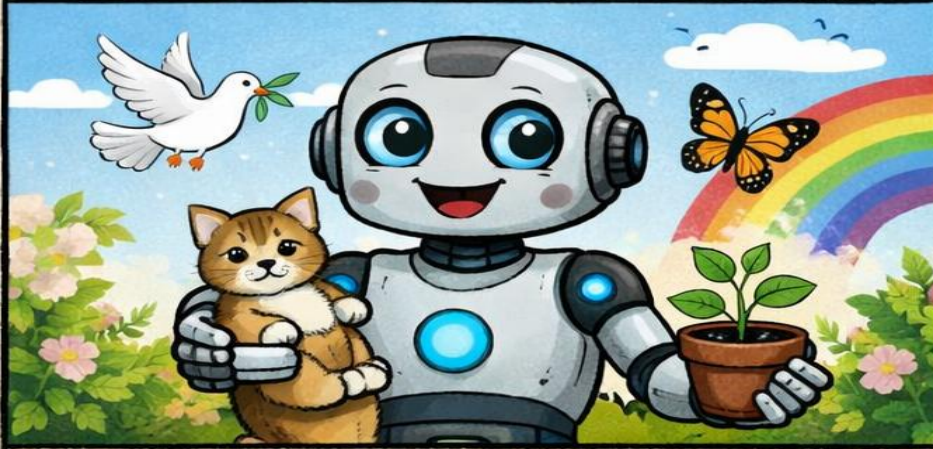
Risk Category	Nature of Risk	Severity
<b>Data Privacy</b>	Client & personal data exposure	High
<b>Legal Compliance</b>	DPDP Act & IT Act violations	High
<b>Cybersecurity</b>	Phishing & account takeover	High
<b>Data Retention</b>	Loss of deletion control	Medium
<b>Profiling</b>	Behavioural & usage tracking	Medium
<b>Professional Ethics</b>	Confidentiality breach	High



# AI SEMINAR

CHOOSE YOUR PROMPT WISELY!

## ETHICAL PROMPT



- ✓ **HELPFUL CONTENT**
- ✓ **POSITIVE IMPACT**
- ✓ **SAFETY & RESPECT**



**GOOD CHOICE!**

## UNETHICAL PROMPT



- ✗ **DANGEROUS IDEAS**
- ✗ **MISINFORMATION**
- ✗ **MORAL CHAOS**



**BAD CHOICE!**

# PROMPT ENGINEERING

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A prompt is a piece of text or input that is used to elicit a specific response or output from a language model or other AI system.

Prompts can be questions, statements, or even just a few words that provide context for the model to generate a response.

Prompt Engineering:

Prompt engineering is the process of designing and optimizing prompts to get specific, accurate, and relevant responses from language models or other AI systems





# INTRODUCE YOURSELF TO AI - TOOLS

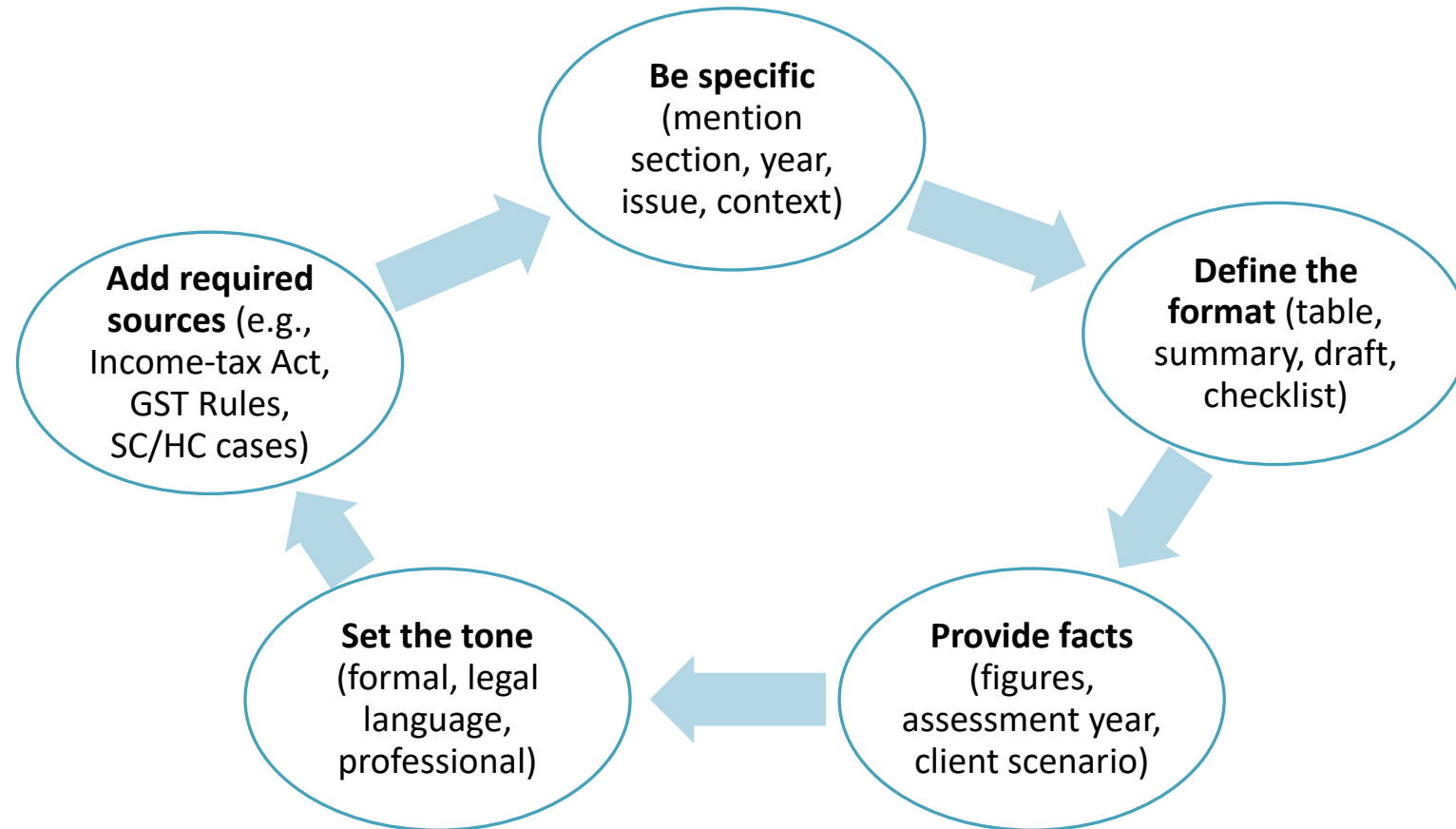
## PERSONALISE SETTING - CHATGPT

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*I am professional chartered accountant practicing in India and I would like my response in summarize formal format using legal and business language. I prefer all my responses in English and please make sure highlight the important text in bold. Also whenever possible please do provide the data in tabular format. Make sure that responses you give are to the point and not baseless. Adopt a skeptical, questioning approach. Provide reference to source of information used while replying. Verify and test your responses for correctness and accuracy of facts.*

# FEATURES OF PROMPT

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# RISK ASSESSMENT OF YOUR MAIL ID

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Check whether you mail is hacked or data breach  
using

<https://haveibeenpwned.com/>

# CONCEPT OF GPT

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GPT - Generative Pre-Trained Transformer.

*ChatGPT is a conversational AI designed to understand and respond to human-like queries.*

Its purpose is to:

- Provide Information: answer questions and provide information on various topics
- Assist with Tasks: assist with tasks such as writing, editing, and brainstorming
- Engage in Conversation: engage in natural-sounding conversations

# CREATE PRIVATE –GPT – Paid Version req.

Explore GTP - Right Corner – Create + i.e. You can create your name GPT with the sources you want.

The screenshot displays the PROTAXEDGE GPT interface. On the left, the 'Create' tab is active, showing a 'Draft' status and a 'Configure' button. Below this, there are 'Conversation starters' and a 'Knowledge' section with uploaded PDF files. The 'Preview' tab on the right shows the GPT's output for a specific transaction, including a title 'PROTAXEDGE GPT' and a description 'Provides accurate, concise guidance on Indian Tax, DPDP Act, and IT Act.' Below this, there are four buttons corresponding to the conversation starters: 'Explain the tax impact of a specific transaction', 'Compare old vs new tax regime for a case', 'Summarise obligations under the DPDP Act', and 'Clarify compliance needs under the IT Act'.

**PROTAXEDGE GPT**  
• Draft

Create Configure

Explain the tax impact of a specific transaction  
Compare old vs new tax regime for a case  
Summarise obligations under the DPDP Act  
Clarify compliance needs under the IT Act

**Knowledge**  
Conversations with your GPT can potentially reveal part or all of the files uploaded.

DPDP Act .pdf PDF  
IT Act 2000.pdf PDF  
TAR Content clausewise.p PDF  
IT Bill 2025 Passed.pdf PDF

Upload files

Preview Model 5.1

**PROTAXEDGE GPT**  
Provides accurate, concise guidance on Indian Tax, DPDP Act, and IT Act.

Explain the tax impact of a specific transaction  
Compare old vs new tax regime for a case  
Summarise obligations under the DPDP Act  
Clarify compliance needs under the IT Act

+ Ask anything

# AI TOOL-CHATGPT

## Prompt for Summary of ESIC challans

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*Attach the ESIC file after redacting.*

*This file has 12 ESIC Challan in 12 pages.*

*You are an auditor. For purpose of filing form 3CD I want you to create table with 4 columns First Column will have serial number Second Column will have Period of Challan Third Column will have Challan Submitted Date Fourth Column will have Amount paid.*

# AI TOOL-CHATGPT

Prompt for Analysis of Bank Statement Analysis for Loan Appraisal

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*Attach Bank Statement after REDACTING i.e. **Erasing the KYC in the Data***

*You are acting as a **Credit Risk Analyst and Forensic Reviewer** for a bank. Analyze the **bank statement of a loan applicant (borrower)** for the purpose of **loan appraisal, credit risk assessment, and detection of abnormal transactions.***

**Provide the Scope of Analysis .....**



# AI TOOL-CHATGPT

Prompt for Analysis of Bank Statement Analysis for Loan Appraisal

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## **Provide the Scope of Analysis**

Analyze the provided bank statement covering the relevant period and prepare a **structured analytical report** covering the following:

1. Account Analysis –High , Low and Average
2. Summary of High Value
3. Suspicious Entries – Red Flag
4. Summary of Loans Entries
5. Income Assessment –**Formula to be provided**
6. **Cashflow Behaviours – Parameters to be provided**

**Output Format to be Provided – Appraisal Note**

# AI TOOL-CHATGPT

## PROMPT –AUTO -FOLDER CREATION

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Auto Creation of folder – Client name – Year – Income Tax – GST - Audit

Prompt

*Correct and Complete Prompt*

*Provide a macro code for creating folder client name, sub folder Income tax, GST Audit on the path E:\Presentations\AIFTPA\Demo Folder creation. column tittles are Sr. No. Client Name PAN GSTIN Entity Type Financial Year Folder Types Required*

**Copy Paste the macro in excel – ALT + 11**

**Run the Macro -ALT + 8**

# AI TOOL – BRICKS - app.thebricks.com

## Analysis for Loan Appraisal


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- 1. Create Financial Dashboard from the data you shared-*
- 2. Share the data with dummy names and add.*

*Note – It requires Paid Version to download.*

# AI TOOL – BRICKS - app.thebricks.com Analysis for Loan Appraisal


app.thebricks.com/file/9d9b2b1a-6689-4f49-aaee-c1fad82a0374/2@9b2b1a66-899f-49ea-aec1-fad82a037484:0



## Create a dashboard or report


**1 Import a file**

Start by importing your data for your dashboard. You can upload multiple files at a time



**Upload file**


Extracts data from XLSX, CSV, PDF, PNG, JPG files  
(Up to 5 files)



**Google Sheet**

Import sheets directly from your drive  
(Up to 5 files)


**2 Optional: Customize your dashboard**



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# AI TOOL – BRICKS - app.thebricks.com



Financial Performance & Position Dashboard (FY24-25 vs FY23-24)

Dashboard is up to date

Present

90%

Share & Export

Unlock premium

AI Chat

Import

Create dashboard

New! Actions

Blocks

Themes

News

Help

Start your chat with AI

20 of 20 AI messages left Upgrade

Ask AI to edit your dashboard

Export

Export

Export

Financial Performance & Position Dashboard (FY24-25 vs FY23-24)

Overview

This dashboard provides a comprehensive comparative analysis of the company's financial position and performance across FY24-25 and FY23-24. It visualizes key balance sheet and profit & loss metrics, highlights year-over-year changes, and surfaces critical KPIs for rapid assessment of growth, profitability, and capital structure trends.

Overall Insights

- The balance sheet shows multiple items contributing to year-over-year growth, with Total Equity and Reserves & Surplus being the largest individual increases.
- Overall, the cumulative year-over-year balance sheet expansion is about ₹15,300 million.
- In assets, Property, Plant & Equipment is the largest class at around ₹15,000 million, forming the dominant share of total assets.
- Trade Receivables (₹9,000 million) and Cash & Cash Equivalents (₹7,000 million) are the next largest assets, indicating substantial working capital tied up.
- Revenue from Operations and Total Income grew about 5% (≈5.13% and ≈5.26% respectively).
- Expenses rose about 5–7% (Total Expenses ~5.35%, Employee Benefits ~4.65%), resulting in only a modest improvement in margins and Profit After Tax rising ~4.73%.

Balance Sheet FY24-25 & FY23-24

P&L FY24-25 & FY23-24

Dashboard

Dashboard Data

# AI TOOL – GOOGLE NOTEBOOKLM

## notebooklm.google.com

The screenshot displays the Google NotebookLM interface, which is divided into three main panels: Sources, Chat, and Studio.

**Sources Panel:** This panel on the left allows users to manage their research sources. It includes a search bar with the text "Search the web for new sources" and filters for "Web" and "Fast Research". Below the search bar, there are two PDF documents listed: "DPDP Act .pdf" (checked) and "IT Act 2000.pdf" (unchecked). A "Select all sources" checkbox is also present.

**Chat Panel:** The central panel shows a chat interface with a question: "In addition to imposing monetary fines, the Act outlines other consequences:". Below this, there are three bullet points detailing consequences: "Breach of Voluntary Undertaking", "False or Frivolous Complaint", and "Blocking of Access". At the bottom of the chat panel, there are icons for "Save to note", "Copy", "Like", and "Comment".

**Studio Panel:** The right panel, titled "Studio", offers various tools for creating content. It includes a section for "Create an Audio Overview in:" with a list of languages: Hindi, Bangla, Gujarati, Kannada, Malayalam, Marathi, Punjabi, Tamil, and Telugu. Below this, there are buttons for "Audio Overview", "Video Overview", "Mind Map", "Reports", "Flashcards", and "Quiz". At the bottom, there are two featured items: "Data Protection Quiz" (1 source · 1m ago) and "Demystifying the Digital Personal..." (Key Terms Glossary · 2 sources · 6m ago).

# AI TOOL – GOOGLE NOTEBOOKLM

## notebooklm.google.com

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*Add Manually Data sources – PDF file or webpage or any link*

### Tools

1. *Audio – Create an audio in 9 different languages from the sources*
2. *Video – Generate a note from the source video link*
3. *Podcast*
4. *Mind mapping – generate tree diagrams from the source*
5. *Quiz game – generate a quiz from the source*
6. *Create Report – Option to generate notes in customized formats*

# AI TOOL –GOOGLE NOTEBOOKLM

## notebooklm.google.com Activities

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1. *Prepare podcast on RBI – Master Circular on Loans & Advances*
2. *Prepare notes the IBA Credit Appraisal Guidelines*
3. *Prepare notes of agreement/deed of your Borrower*
4. *Prepare Study notes on TDS provision of section 393 of Income Tax Act*
5. *Prepare quiz on section 2(24) of Income tax Act*



# AI TOOL – CLAUDE – claude.ai – Project Reports and Financial Projections

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*Prepare a **comprehensive and professional project report** for an IT Staffing Startup in India with an initial investment of **₹50 Lakhs**. The report should be structured in a formal business and financial reporting format, suitable for submission to banks, investors, and regulatory authorities. The report should cover the following sections in detail: - AS REQUIRED BY USER*

# AI TOOL – DANTE – app.dante-ai.com

app.dante-ai.com

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Dante <

+ Create New

AI Chatbots ▾

New AI Voice Agents ▾

Personal Workspace ▾ + Invite

Free Upgrade 1/1

Manage AI Chatbots

New AI Chatbot

Tax Advisor ⚡

0 Flagged messages

0 Active integrations

0 AI Voice Agents connected

Edit AI Chatbot ✎

Share AI Chatbot ➦

# AI TOOL – DANTE – [app.dante-ai.com](https://app.dante-ai.com)

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1. Prepare customised CHATBOT
2. Purpose – Train Your Team
3. Purpose – Reply to Query of Clients

## Process

1. *You have to give the Source Document for the Chatbot*
2. *Connect the AI Trainer with Webpage or WhatsApp*

# PRECAUTIONS – AI IN FINANCE

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- 1. Use AI as a Support Tool, Not Final Answer*
- 2. Confidentiality & Client Data – Digital Personal Data Protection Act –DPDPA, 2023*
- 3. Writing Prompts & Reviewing Output before using*
- 4. Documentation & Transparency – AI Used and Sources*

✨ Thank You for Your Time & Attention! ✨



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