



# AI POWERED DATA ANALYSIS AND VISUALISATION



Converting raw data into clear insights and intuitive visuals for faster decision-making

Slow  
Error-prone  
analysis



Quick  
Automated,  
deeper insights



DO's

- ✓ Do use new chats for different datasets
- ✓ Do use clear, specific prompts



DON'Ts

- ✗ Don't share personal data (Aadhar, Phone number, etc.)
- ✗ Don't trust AI blindly, verify output



Watch  
3 min video



Access additional  
prompts

## Step 1: Log in to AI Assistant

ChatGPT

A On browser, visit AI Assistant's website

B Signup or Login using email

C Enter password

Enter your password

Small address

Password

Report password?

Continue

OR

Continue with Google

Continue with Apple

Continue with Microsoft

## Step 2: Switch off Model Training Data

- A Click your username in the bottom-left corner
- B Select Settings and go to the Data Controls tab

C Turn off "Improve the model for everyone."

Model improvement

Improve the model for everyone

Voice mode

Include your audio recordings

Include your video recordings

## Step 3: Starting your Data Analysis

- A Click the "+" icon in the chat window
- B Upload the file

C Type out the prompt

Where should we begin?

Add anything

Add photos & files

Create image

Training

Deep research

Study and learn

More

## Step 4: Write the Prompt to Clean the Data

- A Prompt should be specific to requirements (as shown)
- B Press ↵ to upload the prompt
- C Examine cleaned output

What's on the agenda today?

Hort\_Culture\_Scheme\_data.xlsx

I am a government official from the Agriculture Department analyzing our 2023 scheme performance data. I need to prepare this dataset for official reporting and policy analysis. Help me clean and standardize this dataset by:

1. Standardizing all district names to ensure consistency (check for any spelling variations or inconsistencies across the 30 districts of Odisha)
2. Identifying and flagging mathematically anomalous cases - show here
3. Provide cleaned version of the dataset in xlsx format, to download

## Step 5: Write a Prompt for Insight Generation

- A Draft a precise prompt for insight generation
- B List the exact information needed (e.g., district-wise insights)
- C Clearly request the final output type (e.g., PDF, PPT, DOCX, text)

For a summary report identify and present cleaned datasets

1. top 3 districts by total beneficiaries reached
2. bottom 3 districts by total beneficiaries reached
3. generate a report in pdf

Rank	District	Number of Beneficiaries
1	Angul	5205.0
2	Boudh	4330.0
3	Mayurbhanj	3802.0
4	Rayagada	1220.0
5	Ganjam	90.0
6	Balasore	44.0

Here's the finalized Horticulture Scheme Beneficiary Summary Report (2023), which includes:

- Top 3 districts by total beneficiaries reached
- Bottom 3 districts by total beneficiaries reached
- Notes confirming dataset cleaning and standardization

Download PDF Report

Would you like me to add the achievement rate chart to this PDF for a complete presentation-ready report?

## Step 6: Generate visualisations (bar chart, pie chart, heatmaps)

- A Write prompt for chart generation
- B Click on "Download Bar chart" to download the bar chart

Convert the district wise achievement rate analysis into a clear professional downloadable bar chart suitable for presentation to senior gov officials, show it here as well

District-Wise Average Achievement Rate (Horticulture Schemes, 2023)

Here's the professional district-wise average achievement rate bar chart suitable for presentation to senior government officials.

You can download the high-resolution version using the link below:

Download Bar Chart (PNG)

Would you like me to include this chart and the tabular summary in a formatted PDF report for official submission?