

STATS SAHAYAK

Statistical Abstract Chatbot

User Guide

Department of Economic and Statistical Analysis, Haryana

1. Introduction

STATS SAHAYAK is an AI-powered chatbot designed to help users access statistical information about Haryana. It provides two main services: learning about statistical concepts and finding specific data from Haryana's Statistical Abstract. The chatbot uses advanced AI technology (Groq + Llama 3.3) to provide accurate and helpful responses.

2. Getting Started

To begin using STATS SAHAYAK, simply open the chatbot interface in your web browser. You will see two main options (radio buttons) at the top of the chatbot interface.

3. Two Main Options

Option 1: Learn About Statistics (■)

Select this option to learn about statistical concepts, terms, and methods. For example:

- What is GDP?
- Explain Consumer Price Index
- How to calculate growth rate?
- What is population density?

Option 2: Find Haryana Data (■)

Select this option to search for specific statistical data about Haryana. For example:

- Show district-wise population
- What is the literacy rate in Haryana?
- Give me agricultural production data
- How many hospitals are in Ambala district?

4. How to Use the Chatbot

Step 1: Select one of the two radio button options based on your need.

Step 2: Type your question in the text box, OR use the "Quick help" dropdown menus to select a pre-written question.


Step 3: Click the Submit button to get your answer.

Step 4: Read the AI-generated response in the modal window that appears.

5. Key Features

■ **Voice Input:** Click the microphone icon to speak your question instead of typing.

■ **Text-to-Speech:** Click the speaker icon to hear the response read aloud.

- **Language Toggle:** Switch between English and  for question suggestions.
- **Copy Response:** Click the copy icon to copy the chatbot's answer to your clipboard.
- **Quick Help:** Use the dropdown menus to select from pre-written sample questions.
- **Sample Questions:** Browse through categorized questions to get ideas on what to ask.

6. Statistical Resources

The chatbot provides quick links to important statistical resources:

- **Haryana Statistical Abstract:** <https://esaharyana.gov.in/statistical-wing-publication-reports/>
- **India Statistics (MoSPI):** <https://www.mospi.gov.in/publications-reports>
- **Census Data:** <https://censusindia.gov.in/>
- **Open Data Portal:** <https://data.gov.in/>

7. Sample Questions

For "Learn About Statistics":

- What is literacy rate and how is it calculated?
- Explain the difference between mean, median, and mode
- What is infant mortality rate?
- How do you calculate population density?
- What is the difference between GDP and per capita income?

For "Find Haryana Data":

- What is the total population of Haryana?
- Show me district-wise literacy rates
- How many registered factories are in Haryana?
- What is the agricultural production in Ambala district?
- Give me health statistics for Haryana
- Show employment data by sector

8. Tips for Best Results

- **Be specific:** Instead of "population data", ask "district-wise population of Haryana"
- **Use keywords:** Include important terms like district names, years, or specific indicators
- **Try different phrasings:** If you don't get the desired answer, rephrase your question
- **Use Quick Help:** Browse sample questions to understand what types of queries work best
- **Select correct option:** Choose "Learn About Statistics" for concepts, "Find Haryana Data" for actual data

9. Troubleshooting

Issue: Chatbot not responding

Solution: Check your internet connection and refresh the page.

Issue: Voice input not working

Solution: Ensure your browser has microphone permissions enabled and you're using HTTPS.

Issue: Sample questions not showing

Solution: Make sure you've selected one of the two radio button options first.

Issue: Wrong type of answer

Solution: Verify you've selected the correct radio button option for your query type.

10. Support & Feedback

For technical support or to provide feedback about STATS SAHAYAK, please:

- Click the "Feedback" button in the chatbot interface
- Visit: <https://esaharyana.gov.in/>

- Contact: Department of Economic and Statistical Analysis, Haryana

Your feedback helps us improve the chatbot and make it more useful for everyone!

This guide covers the basic features of STATS SAHAYAK. For video tutorials, click the "Tutorial Videos" button in the chatbot interface.