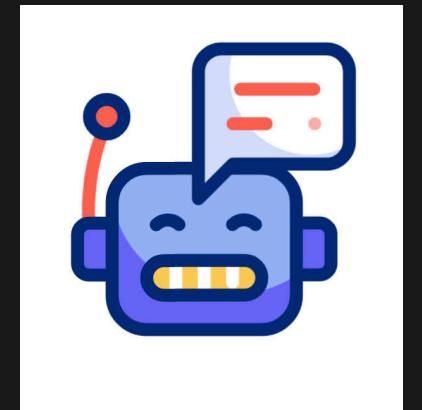


LET'S DECODE DATA TOGETHER



YOUR FRIENDLY AI GUIDE TO MASTERING DATA SCIENCE

PRESENT BY: HASTI JADAV



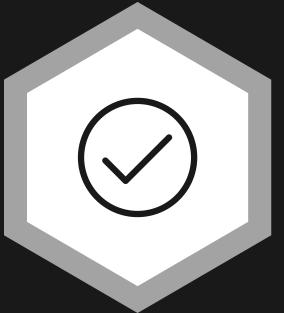
PROBLEM STATEMENT

STUDENTS AND LEARNERS OFTEN FACE CHALLENGES LIKE:

- LACK OF PERSONALIZED GUIDANCE WHILE LEARNING DATA SCIENCE
- DIFFICULTY IN FINDING RELIABLE RESOURCES FOR SQL, ML, PYTHON, AND MORE
- TIME-CONSUMING TO SWITCH BETWEEN DIFFERENT PLATFORMS FOR HELP
- LIMITED ACCESS TO HUMAN TUTORS OR MENTORS, ESPECIALLY DURING ODD HOURS

⌚ There's a need for a smart, quick, and easy-to-use assistant that can guide learners in real-time — anytime, anywhere.

SOLUTION



A personalized Data Science Tutor Chatbot

Supports topics like:

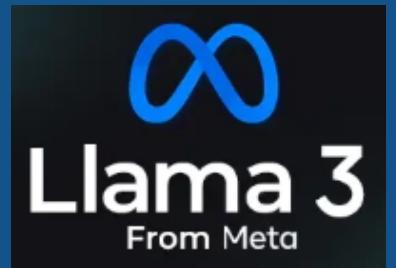
- SQL, ML, DL, Python, Power BI, Tableau, Data Cleaning

Users can:

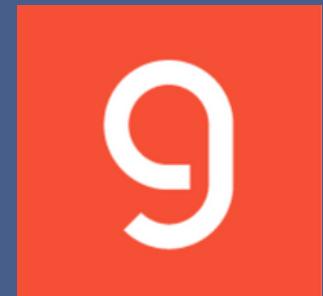
- Upload files
- Get real-time help
- Download chat history

Available 24/7 — like a smart study partner

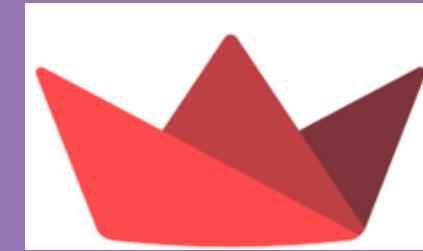
Simple interface and smart responses



LLaMA 3



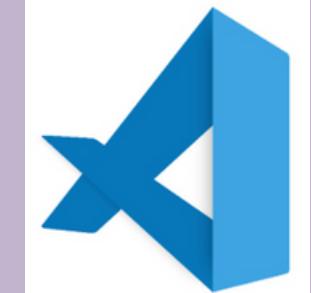
GROQ



STREAMLIT



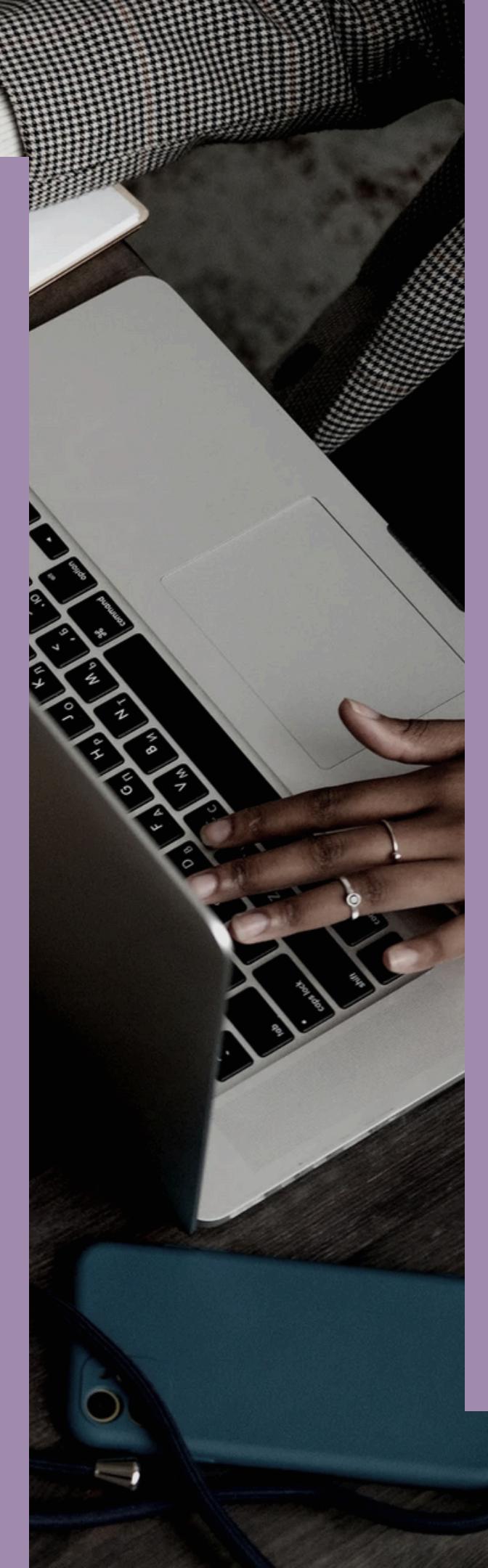
PANDAS



VISUAL STUDIO

TECH STACK

**Live Demo - See the
Chatbot in Action**



CONCLUSION



✓ This chatbot project showcases how modern tools like LLaMA 3 and Groq can simplify learning for data science students.



With an easy interface and fast response time, it acts as a personal tutor for SQL, ML, DL, Power BI, Tableau, and more.



⟳ In the future, the chatbot can be enhanced with conversation history, user profiles, and additional interactive learning features.

THANK YOU