

Vinitha V

DATA SCIENTIST

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📍 Bengaluru

🔗 Portfolio

🌐 LinkedIn

🐙 Github

🧠 SKILLS

- Python
- machine learning
- Deep learning
- Power Bi
- Git and GitHub

🎓 EDUCATION

IIT-M Advanced Programming Professional & Master Data Science

IIT-M GUVI

02/2024 – 07/2024 | Chennai, India

Bachelor of Science (B.Sc.) in Chemistry

PERIYAR UNIVERSITY

2018 – 2021

📜 CERTIFICATES

AI Skilling Session

Guvi

Python

Guvi

PowerBI

Guvi

👤 SUMMARY

Production Associate at Ola 2.6 years in non-IT roles. Transitioning with a solid foundation in Data Science, Machine Learning, Natural Language Processing and Generative-AI committed to ongoing learning and applying advanced data science techniques to drive business growth. Eager to contribute to a dynamic team of data scientist with innovative solutions

📁 PROJECTS

YouTube Data Harvesting and Warehousing

Key Skills: Python scripting, Data Collection, Streamlit, API integration, Data Management using SQL

- Inputting a YouTube channel ID to retrieve relevant data (e.g., channel name, subscribers, video count, playlist and video IDs, likes, dislikes, comments) via Google API.
- Capability to gather data from up to 10 YouTube channels and store it in a data lake with a single click.
- Option to store collected data in MySQL or PostgreSQL databases.
- Ability to search and retrieve data from the SQL database using various search criteria, including table joins for comprehensive channel details.

Phonepe Pulse Data Visualization and Exploration

Key Skills : Github Cloning, Python, Pandas, MySQL, mysql-connector-python, Streamlit, and Plotly.

- Extract data from the Phonepe pulse Github repository through scripting and clone it..
- Transform the data into a suitable format and perform any necessary cleaning and pre-processing steps.
- Insert the transformed data into a MySQL database for efficient storage and retrieval.
- Create a live geo visualization dashboard using Streamlit and Plotly in Python to display the data in an interactive and visually appealing manner.
- 5. Fetch the data from the MySQL database to display in the dashboard.
- 6. Provide at least 10 different dropdown options for users to select different facts and figures to display on the dashboard.

Deployment GUVI GPT Model using Hugging Face

key Skills: Deep Learning, Transformers, Hugging face models, LLM, Streamlit or Gradio

- The task is to deploy a fine-tuned GPT model, trained specifically on GUVI's company data, using Hugging Face services.
- Students are required to create a scalable and secure web application using Streamlit or Gradio, making the model accessible to users over the internet.
- The deployment should leverage Hugging Face spaces resources and any database to store the username and login time.