

Vinitha V

Data Analytics associate

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📍 Dharmapuri, Tamil Nadu

🔗 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 to data science with a strong foundation in Data Science, Machine Learning, Natural Language Processing, and Generative AI. Committed to learning and applying data science techniques to support business growth. Looking forward to contributing to a team with practical 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 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.

Airbnb

key Skills: Python scripting, Data Preprocessing, Visualization, EDA, Streamlit, PowerBI

- Cleaned and prepared dataset by addressing missing values, duplicates, and data type conversions.
- Developed Streamlit web application featuring interactive maps for Airbnb listings, allowing exploration of prices, ratings, and more.
- Conducted detailed price analysis and visualization based on location, property type, and seasonal trends using dynamic charts.
- Analyzed availability patterns and occupancy rates across seasons with suitable visualizations.
- Extracted and visualized location-based insights for specific regions or neighborhoods, enabling in-depth exploration.