

ARVINKRITIK

Cheanni, TN, 600049

Skills

- Backend: SQL (SQL Server, MySQL, Oracle, MongoDB)
- Python (Pandas, NumPy, SciPy, Matplotlib, NLTK, Seaborn, Sklearn, OpenCV,)
- Javascript
- Data Analysis & Visualization: Tableau , Power Bi , IBM Cognos BI , IBM Watson Studio , Excel (VLookup, Conditional Formatting, Pivot Tables) .
- Web-Dev : React , Angular ,Flask , Django .
- Web-Scraping , Data-Preprocessing ,Data-Cleaning , Prompt Engineering , Git .

Projects

IBM COGNOS BANKING LOSS EVENTS – IBM MINI PROJECT

- Utilized IBM Cognos to analyze and visualize banking loss data, identifying key patterns and insights to aid in risk management and decision-making.

DATA ANALYSIS OF SALES INSIGHTS – IBM PROJECT

- Analyzed sales data to uncover key insights and trends, utilizing data analytics techniques to support strategic decision-making and optimize performance.

POWER BI DASHBOARD FOR BITCOIN FUTURE & LIVE DATA & PAST – COLLEGE PROJECT

- Developed a Power BI dashboard to analyze historical, live, and future Bitcoin data, providing insights and visualizations for market trends and forecasting.

SQL EXPLORATORY DATA ANALYSIS – PERSONAL PROJECT

- Conducted comprehensive data analysis using SQL to uncover insights and trends, creating detailed reports and visualizations to support data-driven decision-making.

SPOTIFY DATA ANALYSIS – PERSONAL PROJECT

- Analyzed streaming data to identify trends in user behavior and song popularity using python , pandas , visualization tools.

COFFEE SHOP ANALYTICAL DASHBOARD – PERSONAL PROJECT

- Developed an interactive dashboard to analyze and visualize key metrics for coffee shop.
- Utilizing data analytics tools and techniques to provide insights into sales , customer behavior & inventory management.

ASTRONOMICAL ADVANCED DATA ANALYSIS – PERSONAL PROJECT

- Conducted Comprehensive data analytics and visualization of astronomical datasets using python and libraries such as Matplotlib , Seaborn & Astroquery.
- Developed techniques for Image processing & enhancement , including FITS file handling , pixel scaling , feature extraction.

Work Experience - Internship

FULL STACK DEVELOPER – IIT(Madras) – Chennai, TN

August 2022 – December 2023

- Developed & Deployed a web app using Angular and hosted it on AWS , utilizing Docker for environment management.
- Created backend services with Django, managed databases using MYSQL, and generated analytical reports in Excel.
- Gained hands on experience with data processing and analytical tasks, enhancing project performance by 20%.

Education - MGR Educational & Research Institute – Data Science & AI (B.TECH) – CHENNAI, TN June 2021 – June 2024

COURSEWORK : AI , DATA ANALYSIS , CLOUD COMPUTING , BUSINESS INTELLIGENCE , MACHINE LEARNING .

Achievements – Leadership - Non Technical Skills

GOOGLE DEVELOPER STUDENT CLUB - TECH LEAD ,
Effective Communicator, Problem Solving, Team Player , Solo leader, Flexible and Adaptable