ANSHITA PRIYADARSHINI

Khammam, Telangana | +91 8520818278 | anshita.m04@gmail.com | LinkedIn | GitHub | Portfolio

Summary

Analytically driven data analyst with a strong foundation in data analysis, visualisation, and actionable insight generation. Proficient in Python, SQL, Tableau, and Excel, with hands-on experience in data cleaning, wrangling, and creating impactful visualisations through projects and self-directed learning.

Skills

Data Analysis: Excel, Pandas, NumPy
Programming: Python, SQL, R
Data Visualisation: Tableau, Matplotlib, Seaborn

Projects

Patient Health Data Analysis Link — Nov 2024

Tools Used: Pandas, Matplotlib, Seaborn

- Processed and cleaned records for 51,000 hospital visits, addressing missing values, duplicates, and inconsistent data types using Python.
- Analysed healthcare utilisation trends, chronic conditions, and gender parity by applying Pandas operations such as `groupby`,`pivot table`,`value counts`, generating insights across 5 demographic categories.
- Discovered a 15% increase in asthma cases among patients under 18, a 10% rise in hypertension in males over 50, and a 12% spike in diabetes diagnoses across all age groups.
- Delivered 10+ visualisations and reports using `Matplotlib` and `Seaborn` to analyse trends in hypertension, cholesterol levels, and other fields, providing actionable insights.

E-Commerce Marketplace Link — Oct 2024

Tools Used: SQL, Tableau

- Cleaned and standardised a dataset of 1 million+ rows using SQL to ensure accuracy and reliability.
- Developed 20+ SQL queries, including CTEs and Subqueries, to extract insights on revenue, customer retention, and product performance.
- Unveiled 16.01M in revenue by analysing 96,455 orders placed by 99,441 customers from 19,015 locations,driving actionable improvements for an e-commerce strategy.
- Integrated MySQL Server with Tableau to create interactive dashboards, seamlessly navigating across 22 sheets with calculated fields and parameters, driving data-driven decision-making.

UK Gender Pay Gap Link — Oct 2024

Tool Used: Microsoft Excel

- Examined gender pay gap data from 15,000+ UK companies over five years, revealing trends such as a reducing mean hourly pay gap from 14.39% in 2018 to 12.07% in 2023.
- Utilised advanced Excel features, including Pivot Tables, conditional formatting, and formulas, to calculate mean pay, bonus gaps, and representation metrics.
- Highlighted a 45.41% increase in female representation in the top pay quartile, with regional disparities showing Scotland's highest pay gap at 24.66%.
- Designed an interactive Excel dashboard with 6+ slicers and charts, enabling stakeholders to explore trends and make equity-focused decisions.

Certifications

Google Data Analyst Professional Certificate

SQL (Basic) by HackerRank

Excel Essentials by Coursera

Data Analytics Essentials by Cisco

Education

Vellore Institute Technology AP University — Aug 2021 – Present
Bachelor of Technology in Computer Science with Specialisation in AIML — *8.3/10*