ANSHITA PRIYADARSHINI

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

Summary

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

Skills

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

Projects

Patient Health Data Analysis - *Pandas, Matplotlib, Seaborn*   Link   **Nov 2024**

- Processed and cleaned records for **51,000** hospital visits, addressing missing values, duplicates, and inconsistent data types using Python.
- Analyzed healthcare utilization trends, chronic conditions, and gender parity by applying Pandas operations such as groupby(), pivot_table(), and 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+ visualizations and reports** using **Matplotlib** and **Seaborn** to analyze trends in hypertension, cholesterol levels, and other fields, providing actionable insights.

E-Commerce Marketplace   *- SQL, Tableau* Link   **Oct 2024**

- Cleaned and standardized 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 from **3,095 sellers**, 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   *- Microsoft Excel* Link   **Oct 2024**

- 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.
- Utilized advanced Excel features, including PivotTables, 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   **8.3/10   Aug 2021– Present**
Bachelor of Technology in Computer Science with specialization in AIML   *Amaravati, Andra Pradesh*