

# ANSHITA PRIYADARSHINI

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## SUMMARY

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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

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

## PROJECTS

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### 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

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Google Data Analyst Professional Certificate

SQL (Basic) by HackerRank

Excel Essentials by Coursera

Data Analytics Essentials by Cisco

## EDUCATION

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### University of Edinburgh

*MSc Business Analytics*

Sep 2025 – Present

*Expected 2026*

### Vellore Institute of Technology AP University

*Bachelor of Technology in Computer Science with Specialisation in AIML*

Aug 2021 – Aug 2025

*CGPA: 8.6/10*