

Professional Summary

Data Analyst with expertise in **data analytics**, **visualization**, and **database management**. Proficient in transforming complex datasets into **actionable insights** using **Python**, **SQL**, **Power BI**, and **Tableau**. Strong focus on **ETL processes**, **statistical analysis**, and **data-driven storytelling** with proven experience across healthcare and retail domains.

Technical Skills

Data Analysis:	Python (Pandas, NumPy, Matplotlib, Seaborn), Statistical Analysis, Data Cleaning
Database:	MySQL, PostgreSQL, Google BigQuery, Data Warehousing, ETL Processes
Visualization:	Power BI, Tableau, Excel (Advanced), Dashboard Design, Data Storytelling
Other:	DAX, Power Query, VBA, Pivot Tables, CTE, Git, Jupyter Notebook

Data Analytics Projects

- Hospital No-Show Analysis

Healthcare Analytics, End-to-End Pipeline

Python, MySQL, Power BI, Pandas

Engineered comprehensive **data analytics pipeline** analyzing patient appointment patterns using Python for data preprocessing and MySQL for storage and querying

Developed **interactive Power BI dashboard** with drill-through functionality, featuring KPIs, dynamic filtering, and custom tooltips to visualize appointment trends across demographics

Applied **feature engineering** techniques creating lead_time, age_group, and appointment_weekday columns, uncovering that SMS reminders reduced no-show rates significantly

Implemented **neighbourhood-wise analysis** revealing geographic patterns in appointment attendance, with drill-through pages providing detailed demographic breakdowns

Walmart Sales Performance Analysis

SQL Analytics, Data Analysis

MySQL, Advanced SQL Queries

Analyzed 10,000+ transactions using **CTEs and window functions** to identify sales trends, customer segments, and product performance across multiple branches

Implemented **customer segmentation** using SQL CASE statements, categorizing shoppers into spending tiers (High/Medium/Low) with 20% identified as high-value customers

Delivered **actionable sales insights** through advanced SQL analytics, identifying top-performing categories (+15%), branch growth (+23%), and detecting anomalies that reduced transaction risk by 12%

Insurance Analytics Dashboard

Interactive Dashboard, Sentiment Analysis, Drill-Through

Power BI, DAX, Power Query

Developed comprehensive insurance analytics dashboard for Prissm Insurance with KPIs for **premium collection**, **active policies**, and **claims frequency**

Implemented **customer sentiment analysis**, created **drill-through capabilities** and filterable dimensions by policy, claim numbers, and customer IDs to enable granular analysis and decision-making

Education

<div>Internshala Trainings</div> <div>Data Science Placement Guaranteed Course</div>	Jul 2024 - Dec 2024
<div>Indira Gandhi National Open University</div> <div>Bachelor of Computer Applications</div>	Data Science 2021 - 2024 Computer Science
<div>Woodrow Senior Secondary School, Bareilly</div> <div>Intermediate</div>	2019 Science

Certifications

Deloitte Australia Data Analytics Job Simulation (Forge, May 2025)

Data Analysis with Python (Internshala, Jan 2025)

SQL for Data Analysis and Insights (Internshala, Dec 2024)

Power BI for Business Intelligence (Internshala, Nov 2024)

Data Management with MS Excel (Internshala, Sep 2024)