

Himanshu Singh

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SUMMARY: Data-savvy graduate seeking a Data Analyst role to solve the company's biggest business problems.

EDUCATION

Post Graduation Diploma Sept 2022 – June 2023

- **Data-Focused Coursework:** Statistics, Data Analytics, Databases and Design, Algorithms

Bachelor in Electronics and Telecommunication, Mumbai University, India Aug 2016 – Oct 2020

TECHNICAL SKILLS

Programming Languages:	Python, SQL
Data Visualization Data Tools:	PowerBI, MS Excel
Machine Learning Algorithms:	Linear Regression, Logistics Regression, Decesion Tree, Random Forest, PCA, LDA, K-means,
Database Management Systems:	MySQL, Microsoft SQL Server
Libraries:	Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn
Specializations:	ETL, EDA, Trend and Growth Analysis, Dashboarding, Stakeholder Management

PROFESSIONAL EXPERIENCE

Data Analyst , Intellipaat Jan 2023 – Aug 2023

- Optimized SQL queries for inventory tracking and reporting.
- Analyzed student data to identify admission factors
- Leveraged the power of data by creating interactive PowerBI dashboards, empowering fellow Analysts with intuitive visualizations to inform data-driven business decisions.

Engineer, Panasonic Life Solution India Pvt Ltd Jan 2021 – March 2023

- Worked closely with cross-functional teams to design and implement data-driven solutions using Excel, contributing to the achievement of key business objectives.
- Collaborated with stakeholders to perform in-depth analysis of business processes, identifying areas for improvement and delivering actionable insights that drove process enhancements and efficiency.

PROJECTS

Bangalore House Prediction using Python, ML

- Conducted EDA on Bangalore house data, identifying key price-influencing factors.
- Utilized Python and data visualization techniques to uncover insights.
- Contributed to data-driven strategies for optimizing property pricing.

Global Super Store Sales-Dashboard using PowerBI

- In this project, I have made interactive Power BI Sales Dashboard on Global_Super_Store sales data and find some insights from the data. In order to building the dashboard, the ETL process was done as per the requirements, Power query was used to clean and transform the data and DAX was used for creating the calculated measures and calculated column.
- Once done with the calculations, I have made visualizations and create report using cards, charts, slicer etc.

Customer Churn Analysis using Python, SQL

- Analyzed a customer dataset to identify factors leading to high churn rates in a telecom company.
- Discovered that customers with longer contract durations and higher data usage were less likely to churn, leading to a 10% reduction in churn rate.

Cricket Player Clustering using Machine Learning

- Applied machine learning techniques to cluster cricket players based on their performance statistics, enabling team management to make data-driven decisions in team selection and strategy development

Federal Reserve Data Pipelining

- Built a database to handle 10M records and analyzed Indian market logistics, ops, and cash flow with optimized SQL and Neo4j.
- Transformed EER database model to Relational Model and presented key KPIs (sales, inventory, discounts) with 4 dashboards.

CERTIFICATIONS AND COMMUNITY INVOLVEMENT

- Machine Learning Specialization (Coursera), Applied Machine Learning in Python (Coursera), Python for Data Science (IBM)
- Volunteered at the Open Data Science Conference West 2022, assisting with event coordination and logistics.