

Shruti Patkar

Data Analyst

Highly-motivated and self-instructed data analyst with hands-on knowledge in Excel, SQL, R, and Power BI. Eager to leverage my critical thinking and analytical skills to support data-driven decision-making and fulfill the needs of business functions in your Company.

Work History

Self-Taught Data Analyst - 📅 Sep 2022- Present

- Developed analytical expertise with the help of certifications and courses, tested the gained knowledge through various internships, and guided projects to improve technical as well as interpersonal skills.

Portfolio Projects:

- Exploratory Data Analysis using MySQL and PowerBI: Utilized healthcare dataset 'Medicare Spending Per Patient' to run SQL queries for data exploration, built Power BI dashboard to visualize states based on their per-patient spending levels.
- Predictive Analysis on Discharge Cost of Patients using R: Predicted discharge cost of patients with multiple regression analysis and other R packages, delivered the conclusion on factors affecting the prediction of discharge cost.
- Forecasting Utilization of Medical Procedures using Excel: Predicted the utilization of medical procedures in Los Angeles based on historical data, utilized Excel functions- Pivot Table, Forecast Sheet, and other formulas to forecast the values.

Quality Control Intern- 📅 Oct 2021- Oct 2022- *Jupiter Hospital, Mumbai, India*

- Organized a patient safety culture survey for more than 500 staff members, and designed analysis through Power BI dashboard which improved reporting of patient safety incidences by 12%.
- Performed risk assessment of clinical as well as non-clinical risks in the hospital, created mitigation strategies to reduce the severity of risks, and achieved 15% decline in incidences associated with clinical risks.

Certifications & Guided Projects

- Google- Data Analytics Specialization
- Advanced Excel
- Predictive Analytics with R
- **Guided projects**: Querying databases using SQL SELECT statement, Mastering SQL Joins, Introduction to R: Basic R syntax, Introduction to Data Analysis using Microsoft Excel

Contact

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Skills

SQL

Microsoft Power BI

R Programming Language

Microsoft Excel

Data Exploration

Time-Series Forecasting

Regression Analysis

Problem-solving

Strong communication skills

Virtual Internships

Accenture- Data Analytics &

Visualization

TATA- Data Visualization

KPMG- Data Analytics Consulting

Quantum- Data Analytics

Education

MBA: Health & Hospital

Management

BBA: Hospital Administration

D Y Patil University – Mumbai