

Shreya Langar

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Experience

Data Analyst and Machine Learning Intern

May 2024 - Jul 2024

Mentorless

Ahmedabad, India

- Designed 3 interactive Power BI dashboards to analyze YouTube song data, improving marketing strategies and content optimization with data-driven insights.
- Built and validated machine learning models for salary prediction and fraud detection, significantly improving model accuracy by 10%.
- Leveraged SQL for comprehensive analysis of 600+ hotel reservation data, uncovering critical trends, patterns, and anomalies reducing operational costs.
- Worked closely with cross-functional teams to gather requirements, validate data, and deliver tailored analytical solutions addressing specific business needs.

Associate Professional Software Engineer

Jun 2022 - Apr 2023

DXC Technology

Bengaluru, India

- Created interactive dashboards that visualized key performance indicators (KPIs) and metrics, enabling stakeholders to make data-driven decisions and track progress effectively.
- Developed and maintained Power BI reports to monitor CPU utilization and other metrics for Azure resources, extracting data and analyzing trends to provide clients with actionable insights for optimized resource usage.
- Resized and decommissioned 20+ VMs, optimized storage accounts, and created 10+ efficient containers on the Azure platform; streamlined cloud backup processes, saving the Cloud Ops team an average of 15 hours per week.
- Trained and guided 7 new joiners in data analysis techniques and Power BI reporting, ensuring proficiency in extracting, analyzing, and visualizing data for monitoring Azure resource metrics.

Projects

Eastside Retail Sales Performance Analysis (Power BI)

- Independently developed a sales performance analysis project, leveraging Power BI to create 3 interactive dashboards for actionable insights.
- Conducted in-depth analysis on a sales dataset of 51,290 records, covering Eastside Company's retail activities across fashion, auto & accessories, electronics, and home & furniture.
- Utilized data analytics techniques to identify key sales trends from the dataset, contributing to improved decision-making processes for the company's operations.

Sentiment Analysis on Political Tweets (Python)

- Devised sentiment analysis on a dataset of 70,000 political tweets from across India, focusing on three prominent candidates, utilizing Python and Jupyter Notebook.
- Executed Natural Language Processing (NLP) techniques to analyze sentiment polarity and subjectivity, providing insights into public opinion towards all three candidates.
- Employed data visualization techniques like bar graphs and word clouds to present visual summaries of sentiment trends, resulting in 30% faster decision-making.

Technical Skills, Soft Skills, and Languages

Database Management: SQL Server Management Studio (SSMS), MySQL

Programming Languages: SQL, DAX, Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-learn, BeautifulSoup)

Data Visualization and Reporting: Power BI, Power Query, Advanced Excel, Tableau

Cloud and Version Control: Microsoft Azure, Git, GitHub

Soft Skills: Communication, Leadership, Teamwork and Collaboration

Languages: English, Hindi, Kashmiri

Education

IntelliPaat in collaboration with IIT Roorkee and Govt. of India

Jul 2023 - Jul 2024

Executive Post Graduation Certification in Data Science and AI

Bengaluru, India

Savitribai Phule Pune University

Aug 2018 - Jun 2022

Bachelor of Technology, Information Technology, GPA: 9.27

Pune, India

Maharaja Harisingh Agricultural Collegiate School

Apr 2017 - Apr 2018

Higher Secondary, CBSE, 77%

Jammu, India

Certifications

SQL Course, IntelliPaat: DDL, DML, DCL, Constraints, Joins, Functions, Subqueries, Stored procedures, and Transactions

Power Bi Course, IntelliPaat: Data preparation, data modeling, DAX measure creation, report and dashboard creation, and Power Query

Business Intelligence Mastery with SQL and Tableau, Udemy: Essentials of Business Intelligence, including SQL and Tableau.

AZ-900, Microsoft: Fundamental understanding of Microsoft Azure cloud concepts for service-based solutions