Prakriti Rawal

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About Me

Data enthusiast skilled in **Advanced Excel, MySQL, Python, and Power BI**, with a strong foundation in data analysis and visualization. Passionate about turning raw data into actionable insights to drive business decisions. Adept at problem-solving, collaboration, and applying data science for growth.

Skills

- **Programming** Python,SQL
- **Visualization** Power BI, Jupyter Notebook
- **Databases** MySQL
- **Tools** VSCode,SQLServerManagementStudio
- **Technologies** MachineLearning, Statistics, Time Series,
- **SoftSkills** Problem-solving, Critical Thinking, Communication,Time Management, Presentations, Attention to Detail

Education

Postgraduate Program in Data Science and Analytics, Imarticus Learning, Jaipur — Nov 2024 - Present
MBA (HR & Marketing), Acropolis Faculty of Management and Research, Indore — Jul 2018 - Jun 2020
BBA (HR), Govt. Engineering College, Jhalawar — Jul 2016 - Jun 2018
PGACovers:Python|Tableau|Power BI|AdvanceExcel| MySQL|MachineLearning|DeepLearning

Work Experience

Senior Recruiter - Talent Acquisition, Apidel Technologies, Vadodara — Feb 2023 - Jul 2024
Technical Recruiter, Rang Technologies Inc, Vadodara — Jul 2021 - Dec 2022
HR Manager / BDE,Throughout Technologies Pvt. Ltd., Indore — Mar 2020 - Apr 2021

Projects

Credit card weekly status dashboard - Power BI: Credit card weekly status dashboard

- Automated weekly Power BI dashboard for credit card metrics, cutting report prep time by 75%
- Optimized SQL ETL for 1M+ weekly transactions, boosting data refresh performance by 60%
- Crafted DAX measures for rolling averages, YoY trends, and risk segmentation
- Designed interactive visuals (slicers, bookmarks, tooltips) for real-time stakeholder insights

Technologies Used: **SQL, Power BI visualization, DAX Queries.**

Sakila-case-study - SQL Project: Sakila-case-study

- Executed 15+ advanced SQL queries on Sakila DB to surface rental and revenue insights
- Automated ETL with Python, slashing data prep time by 80%
- Analyzed store and genre performance to pinpoint top films and peak rental periods
- Managed code, version control, and documentation in VS Code/GitHub for reproducible analysis

Technologies Used: **MySQL, Sakila DB, Advanced SQL (Joins, CTEs, Window Functions), Python, VS Code**

Insurance Prediction - Linear regression : Insurance Prediction- Linear regression

- Preprocessed insurance data with Python (Pandas, NumPy), applying custom outlier-removal and missing-value routines
- Performed EDA in Jupyter notebooks—visualizations and one-hot encoding to pinpoint key cost drivers (age, BMI, smoker status)
- Built and evaluated an OLS linear regression model using scikit-learn, reporting MAE, R^2, and adjusted R^2 on train/test sets
- Managed code in GitHub and automated performance tracking via Python utility scripts for reproducible results

Technologies Used: **Python (Pandas, NumPy), scikit-learn (LinearRegression, metrics), Jupyter Notebook,Matplotlib / Seaborn (EDA visualizations),GitHub (version control)**

Online Learning Platform - SQL Project : Online Learning Platform

- Explored students, courses, and enrollments in MySQL
- Wrote 20+ SQL queries (joins, CTEs, window functions)
- Identified peak enrollment months and optimal pricing
- Documented insights and version-controlled scripts on GitHub

Technologies Used: **MySQL / SQL (Joins, CTEs, Window Functions),Data Modeling & CSV Imports,Git / GitHub (version control),PowerPoint (results presentation)**