

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
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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

Workforce360 HR Analytics Dashboard - Power BI: [Workforce360 HR Analytics Dashboard](#)

- Identify at-risk employees for retrenchment.
- Spot employees eligible for promotion.
- Analyze attrition trends to reduce turnover.
- Optimize HR decisions using data-backed insights.
- **Technologies Used:** SQL, Power BI visualization, DAX Queries.

Sky_pricing - SQL Project: [Sky_pricing](#)

- Built an interactive HR dashboard in Power BI with key KPIs like attrition, promotions, and retrenchment.
- Visualized gender diversity, job roles, service years, and satisfaction levels for 1,470 employees.
- Used DAX and slicers for dynamic filtering by age, department, and overtime.
- Enabled data-driven HR decisions through actionable insights on workforce trends.
- **Technologies Used:** MySQL, Advanced SQL (Joins, CTEs, Window Functions), Python, VS Code

Insurance Prediction - EDA : [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)

Amazon Review Sentiment Analyzer – Gradio App [Amazon Review Sentiment Analyzer](#)

- Built a Gradio-based app to classify Amazon reviews using SVM, Logistic Regression, and LSTM.
- Trained and integrated ML models with text preprocessing and sentiment prediction.
- Deployed models via .pkl and .keras formats for seamless inference.
- Prepared the project for Hugging Face Spaces with optimized dependencies.
- **Technologies Used:** Python, TensorFlow, Keras, Scikit-learn, Gradio, Joblib, NumPy, Pandas, Hugging Face Spaces