RACHIT KHADE

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SKILLS

Languages: Python(Pandas, NumPy, Matplotlib), R, SQL
Databases & Platforms: MySQL, Oracle DB, MS Excel (Advance), Google sheets
Visualisation & Reporting tools: PowerBI, Tableau, MS Office Suite, Looker Studio
Techniques: Hypothesis Testing, Regression Modelling, ETL, Machine Learning, Predictive Analytics
Core competencies: Stakeholder Management, Business Process Modelling, Requirement Gathering, Data Storytelling
Tools: JIRA, GitHub, Jupyter Notebook, Rstudio, VScode, Toad

PROFESSIONAL EXPERIENCE

Phoenix Group   **Edinburgh, United Kingdom**
Proposition Analyst   *October 2023 - Present*
- Collaborated with the Data science team to categorise 3.5 million customers into different segments based on affluence and contract value to assist customer centric product development.
- Partnered cross-functionally with stakeholders to gather and analyse business requirements for a customer segmentation initiative, aligning project goals with broader business objectives.
- Developed and published quarterly KPI reports on customer retention and behaviour, directly contributing to a 3% increase in customer retention in FY24.

TMA Data Management   **Falkirk, United Kingdom**
Data Analyst   *May 2022 - September 2023*
- Automated the KPI reporting process leveraging advance Excel features which reduced man-hours spent on weekly reporting by 60%.
- Developed Interactive PowerBI dashboards to manage the portfolio of smart meters owned by energy supplier in the UK.
- Supported internal stakeholders by providing insights based on their requirements using SQL queries and data manipulation by Python.

Faito   **Nagpur, India**
Operations Data Analyst   *August 2020 - December 2020*
- Provided city`s quadrant-based data analysis using Excel and Tableau which decreased the average time per delivery by 20%
- Updating the inventory of vendors in the database and assigning deliveries to delivery partners

PROJECTS

Model Selection: Review and Simulation (Dissertation)   **Glasgow, United Kingdom**
                                                                                                                    September 2021 - December 2021
- Reviewed different model selection techniques like Wrappers Methods and Penalized Regression. Explored a recently developed model selection wrapper method named Boruta Algorithm.
- Simulated data of 10,000+ records to compare different techniques by changing parameters like number of predictors, number of samples, coefficients of predictors.

Sales Data Analysis   **Glasgow, United Kingdom**
                                                                                                                          July 2021 - August 2021
- Created a database architecture to duplicate a real-world sales-oriented database.
- Simulated the data for the MySQL RDBMS which included Features like Region of sales, Revenue, ProductID etc.
- Linked the MySQL database to PowerBI and developed an interactive dashboard for the KPI reporting purpose and generated a mobile application Interface for the same Dashboard.

EDUCATION

University of Glasgow   **January 2021 - January 2022**
Master's, Data Analytics

St. Vincent Pallotti College of Engineering   **June 2015 - June 2019**
Bachelor's, Electronics and Telecommunications Engineering