Data Analyst/ Business Analyst

7383413984 | krunal21596@gmail.com
https://www.linkedin.com/in/krunal-prajapati-data-scientist
https://github.com/krunal-kp21
Mehsana-384001

KRUNAL PRAJAPATI

Skills

- SQL
- Python (Pandas, NumPy, SciPy, Matplotlib, Seaborn, Sklearn)
- Tableau
- Microsoft PowerBI
- Excel (VLookup, HLookup, Power Query, Pivot Table, Conditional Formatting)

Projects

HOUSE PRICE PREDICTION USING PYTHON – **Personal Project**

- Utilized **Python** to analyze 34857 house detail and gain insights on what it takes to predict the housing price.
- Aggregated and visualized the data by using **pandas, matplotlib, seaborn** to compile a professional report.
- Also use machine learning library like **sklearn** to predict the housing price of the test dataset.
- Dataset divided into two parts train and test data. Created linear regression model but model was over fitted so regression method to use to overcome the problem.
- Mean square error, Root means square error, R2 score

POWERBI DASHBOARD – **Personal Project**

- Created a dashboard with **Power Bi** to help client compare superstore data category wise.
- Transformed and processed client's data by using DAX and power query to ensure data completeness and validity
- Provided technical insights on how the client can fully utilize their data by introducing different region

HR DATA DASHBOARD USING TABLEAU – **Personal Project**

- Created a dashboard with **Tableau** to help HR to compare different employees.
- Transformed and processed HR data using various graphs like doughnut chart, KPI, bar graph etc.

NEW YORK HOTEL AND APARTMENT PRICE ANALYSIS USING SQL – **Personal Project**

- The project database is consisting of New York hotel and apartment details, price, neighborhood, reviews etc.
- In this project have two dataset one dataset contains hotel and apartment name, address etc. and second dataset have price review etc. So, combine two dataset using join function.
- To get the meaningful result from the database and perform various queries.
- Query, Subquery, Join, Aggregate function, Where, Having, Order by various functions are used in this project.

BIKE SALE ANALYSIS USING EXCEL – **Personal Project**

- Bike sale dataset has various columns like ID, Marital Status, Gender, Income, Education, Age, Purchased Bike etc.
- In this project analysis done using power queries, pivot table, conditional formatting, Excel formulas, cleaning the dataset and after that using chart created dashboard.
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **EXCEL** to identify key business intelligences that can improve sales performance

Work Experience – CSV Engineer - Valitech Validation Services (2022 - Current)

- Computer System Validation (CSV) Engineer with 3 years of hands-on experience at Valitech Validation Services, specializing in ensuring regulatory compliance of computerized systems within GMP-regulated environments. Adept at developing and executing validation protocols (IQ/OQ/PQ), performing risk assessments, and maintaining documentation in alignment with FDA 21 CFR Part 11, GAMP 5, and other industry standards. Skilled in system lifecycle management, change control, and data integrity principles. Proven ability to collaborate with cross-functional teams including QA, IT, and business stakeholders to deliver compliant, audit-ready systems.

Certification

FINGERTIPS DATA SCIENCE PRO CERTIFICATE