Nikhil Muliyasiya
Data Analyst | BI Developer
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Skills

- **Data Analysis & Visualization** : Tableau, Power BI,Excel, Seaborn, Matplotlib
- **Programming Languages & Tools :** Python (Pandas, NumPy, Scikit-learn), SQL , Jupyter Notebooks, Git , Java , kotlin
- **Machine Learning Techniques** : Regression, Classification, Predictive Modeling, Data Cleaning
- **Business Intelligence & Reporting :** Data Visualization, Trend Analysis, Storytelling with Data
- **Soft Skills** : Communication, Problem-Solving,Team-Collaboration,Critical Thinking

Education

Bachelor of Engineering - B.E. IT Bhavnagar, Gujarat
Shantilal Shah Engineering College **2017 – 2021**
Higher Secondary School - HSC Dhoraji ,Gujarat
Royal Science School **2015 – 2017**

Projects

Zomato Sales Analysis – Tableau | Zomato Dashboard
- Analyzed Zomato's restaurant data in Tableau to uncover insights on city-wise distribution, ratings, costs, and performance.
- Developed dashboards with KPIs, heat maps, bar charts, and packed bubbles for strategic decision-making.
- Acquire a knowledge of Data Blending, Calculated Fields, Dynamic Dashboards, Parameterized Dashboards, Dashboard Actions, Filtering, and Sorting, Working with Large Datasets.

Blinkit Sales Analysis – Power BI | Blinkit Dashboard
- Cleaned and processed large datasets using Python (Pandas) to prepare for effective data visualization and analysis.
- Developed key metrics and KPIs, including total sales, average MRP, and outlet performance for meaningful insights.
- Gain an understanding of Data modeling, DAX, Power Query, Calculated Columns, Measures, Power BI Service, Power BI Desktop, Interactive Dashboards, Report Design, Data Import & Transformation, Dashboard Publishing, Integration with Excel/Database.

Activity Recognition Systems – Python(ML) | Activity Recognition
- Developed Supervised Machine Learning models for activity recognition using random forest model
- Implemented data pre-processing techniques including outlier removal, encoding, and scaling.
- Evaluated model performance using accuracy, confusion matrix, and F1-score metrics.

Laptop Price Prediction – Python(ML) | Laptop Prediction
- Handled missing values and optimized data for machine learning by dropping irrelevant rows and features.
- Used linear regression model to predict laptop prices and evaluated models using metrics errors,scores,reports
- Identified key factors that significantly affect laptop prices, enabling targeted decision.

Work Experience

Webs Optimization Software Solution - Android Developer **11/2023 – 03/2024**
- Collaborated with designers and product teams to implement scalable app solutions.

46Applabs - Android Developer **01/2023 – 11/2023**
- Partnered with cross-functional teams to deliver customer-centric mobile solutions

Spaceo Technology - Android Developer **02/2022 – 01/2023**
- Contributed to Android app development, ensuring adherence to project deadlines and quality standards.

Silicon IT Hub - **Jr Android Developer -** Trainee **08/2021 – 10/2021**

Certification

Fingertips Data Science Course | **CERTIFICATE** **03/2024 – 12/2024**
- **Data Visualization & Reporting:** Proficient in business intelligence tools for enterprise dashboard development Power Bi and Tableau
- **Python for Data Analysis:** Skilled in Pandas (data manipulation, **cleaning**, and aggregation), NumPy (numerical computations), and **Matplotlib/Seaborn** (creating advanced visualizations like heat maps, line charts, and histograms).
- **SQL for Database Management:** Developed SQL queries for efficient data retrieval and reporting.
- **Machine Learning:** Experienced in building predictive models using **Scikit-learn**, including regression, classification, cross-validation, and hyper parameter tuning.
- **Excel Expertise:** Explored formulas, pivot tables, and Power Query for handling and analysing large datasets.
- **Data Cleaning & Pre-processing:** handling missing values, null values,data format, outlier detection, normalization, feature engineering, and categorical encoding techniques.
- Gained Knowledge of data workflow, from data collection and pre-processing to visualization and reporting insights
- Conducted exploratory data analysis (EDA) on complex datasets to uncover trends and insights.
- Created interactive dashboards in Tableau and Power BI for projects like Zomato,Blinkit **,Epic Games** and **Netflix** enabling data-driven decisions making.