

## PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with a strong foundation in data analysis, visualization, and machine learning. Experienced in using Python, SQL, and Tableau to derive insights and drive decision-making. Passionate about leveraging data to solve complex problems and improve business outcomes.

## CONTACT

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## GitHub Repository Link

<https://github.com/Kemist038?tab=repositories>

## Skills

**Data Analysis:** Data Cleaning, Data Manipulation, Exploratory Data Analysis (EDA)

**Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn, Sklearn), SQL

**Tools:** Tableau, Power BI, Excel, Git/GitHub, Google Colab

**Machine Learning:** Feature Scaling & Encoding, Predictive Analysis, Regression Models, Classification Models, Clustering Models, Cross-Validation, Hyperparameter Tuning, Streamlit Deployment

## Education

- L. D. College of Engineering Bachelor's in Civil Engineering 2018 - 2022

# Keyur Kadia

## Data Scientist

## Projects

### Customer Churn Analysis

- **Objective:** Analyze customer churn to distinguish between active and passive churn rates and calculate new vs. recurring customer revenue.
- **Tools Used:** MySQL, Tableau
- **Key Contributions:** Utilized CTE, window functions, and various JOIN types to streamline data analysis and visualization, resulting in actionable insights for reducing churn.

### Real Estate Analysis

- **Objective:** Identify relationships between properties sold and customer demographics using two datasets
- **Tools Used:** Python (Pandas, NumPy, Matplotlib, Seaborn)
- **Key Contributions:** Performed data cleaning and merged datasets efficiently, leading to faster processing times and more accurate analyses.

### Flight Fare Prediction

- **Objective:** Predict airline prices from the given dataset.
- **Tools Used:** Python (Pandas, NumPy, Matplotlib, Sklearn)
- **Key Contributions:** Conducted data cleaning, feature scaling, and encoding; experimented with different regression models; performed cross-validation and hyperparameter tuning for final model evaluation.

### Cricket Analysis

- **Objective:** Analyse player statistics and identify the country that dominates the sport.
- **Tools Used:** Python (Pandas, NumPy)
- **Key Contributions:** Cleaned data, handled null values, and performed group-by operations to extract meaningful insights.

### Career Track Analysis

- **Objective:** Determine completion rates of students in a career track.
- **Tools Used:** MySQL, Tableau
- **Key Contributions:** Manipulated data using CASE statements and group-by operations to generate reports.

### Baby Care Product Analysis:

- **Tools Used:** Excel
- **Key Contributions:** Cleaning the dataset, Used Pivot table for Year over Year growth, Slicer for the report.

### For more Projects

- **Portfolio Website Link:** <https://kemist038.github.io/keyurk.github.io/>