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[github.com/divyankc7](https://github.com/divyankc7)

# SKILLS

MySQl

Python

MS Excel

Tableau

Power BI

**WORK EXPERIENCE**

Divyank Chaudhary

Data Analyst

Data Analyst with a strong background in data extraction, transformation and visualization. Skilled in using MySQL, Python, Tableau, Power BI and Advanced Excel for extracting and presenting business insights. Experienced in analyzing sales data, improving customer experience, assessing investment opportunities in real-estate and optimizing inventory management.

## Data Analyst

### Standard & Poor's

*12/2023 - Present Gurugram, Haryana*

*Achievements/Tasks*

 **Data Collection and Integration**: Collecting data from in-house software systems and integrating it into a central database. Ensuring the ﬂow of data into predefined data models for analysis and reporting purposes. Collating market data to create country's data sheets on a monthly basis and exporting the data gathered to snowﬂake.

 **Dashboard Creation and Publishing**: Establishing a connection between Snowﬂake and Power BI, designing and developing dashboards within Power BI to visualize data insights. Publishing these dashboards to the company's website for easy access and consumption by stakeholders.

## Associate Analyst

### Standard & Poor's

*07/2021 - 12/2023 Gurugram, Haryana*

*Achievements/Tasks*

 **Alternative Protein Model**: Studied various parameters related to the alternative protein markets to develop a model to determine its demand and supply in the near future.

 **Shifting of Production Units**: Conducted a thorough research and broke down the production costs associated with the confectionery industry, thereby elucidating the shift of manufacturing units from US to Brazil.

 **Data Extraction**: Extracted the data on various feedstocks like vegetables oil, beef, poultry and sheep to support the assessment of used cooking oil as a potential low carbon feedstock for biofuel in Pakistan.

# LANGUAGES

English

*Native or Bilingual Proficiency*

Hindi

*Native or Bilingual Proficiency*

# INTERESTS

**EDUCATION**

## MA Economics

### Delhi School of Economics, University of Delhi

*07/2019 - 07/2021 6.33*

## BA (H) Economics

### Hindu College, University of Delhi

*08/2016 - 07/2019 7.33*

# ACADEMIC AND PORTFOLIO PROJECTS

Travelling

Driving

Gaming

#### Pizza Sales Analysis

 Analyzed a dataset of over 48 thousand records, including 21 thousand pizza orders across 30 types and 100 variations. Using advanced SQL techniques like window functions, CTEs, and subqueries, we've crafted insightful queries to uncover trends and patterns.

#### Inventory Management

 Cleaned, manipulated and formulated various measures to determine the ABC analysis, XYZ category, stock status, re- ordering point, revenue share, weekly demand, weekly sales forecast, etc. Presented the results on a **Power BI** **dashboard** using various cards, charts and tables.

#### Airbnb listings Analysis

 Analyzed investment decision for Seattle Airbnb property by evaluating factors such as average price per zip code, price per bedroom, and revenue seasonality. Created a comprehensive **Tableau dashboard** to provide a clear and actionable visualization of the data, empowering stakeholders to make informed investment choices.

#### Loan Status Prediction

 Developed various classification models like Logistic Regression and Decision Tree using Dream Housing Finance dataset to access customer eligibility for loans using Python. Evaluated models using Accuracy, Precision, Recall, F1 score, Confusion Matrix, AUC-ROC curve and Stratified k-fold cross validation. Logistic Regression model outperformed the others, achieving an F1 score of 0.81.

#### Web Scraping

 Scraped the data from Wikipedia for top 100 companies of the United States of America using Beautiful Soup and Requests packages of Python and stored them in a CSV format.