Dhaval Patel

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Passionate about data analytics with a degree in economics and statistics. Seeking opportunities where I can utilize my analytical, mathematical and technical skills to solve real life problems related to analyzing a big volume of datasets to draw insights that can help with business decisions

Education

June 2016 - Jan 2020

Dharmsinh Desai University, Ahmedabad – *Bachelor in economics and statistics*

3.7 GPA

Skills

Programming	Python, R, SQL, Excel VBA Macros
Visualization	Tableau, Power BI, Excel Charts, Jupyter Notebook
Database	MySQL
Soft Skills	Excellent verbal and written communication skills, presentation and story telling skills

Courses

Fundamentals of Statistics	JAVA Programming	Data Analysis With Excel
Financial Accounting	Audit/Corporate Governance	Macro Economics

Certifications and Awards

- IBM professional data science certification
- Won best student award for exceptional work in classification of healthcare documents
- Contributed to pandas open source (3 PRs accepted)
- Ranked 4th in data analytics hackathon arranged in my university (July 2019)

Internships

Apr 2019 - June 2019

Mobility Health Services Ltd, Delhi – *Data Analyst Intern*

- As a summer intern I helped with auto classification of health care documents (prescriptions, doctor notes, equipment orders) using **python tesseract** and **regex**. This work improved SLA for the classification process from **50 minutes** to **2 minutes** per document

- Prepared various BI dashboards in **Tableau** for month on month insurance business reports
- Evaluation and analysis of insurance claims dataset using **Excel V-lookup,Chi-square, Normal and T-distribution**. Removed **outliers** using **Python** and **Pandas**
- Help business to decide in dynamic pricing by identifying business insights and forecasting the trends for future months using time series analysis using **Excel**
- Worked closely with the engineering and business team using **scrum/agile** methodology

Academic Projects

Jan 2019 - April 2019

Zomato Restaurant Data Analysis

- Downloaded restaurant data from zomato website for more than 10000 restaurants across india. Ingested this data in MySQL database and performed ETL to remove outliers, clean up bad records, normalize revenue numbers to standard format using **python**, **jupyter notebook** and **two standard deviation** along with some other statistical techniques
- For analysis of ahmedabad restaurants, used **Excel**, **VBA macros** and **pivot table**. Figured out best restaurants for punjabi and south indian cuisine based on reviews.
- Used Tableau to build various BI dashboards that can show revenue growth in different restaurants based on cuisine, how people's preferences have changed over a period of 5 years
- Prepared a data story and presented that in our annual data analytics festo. My presentation **won 3rd place** in the college

April 2015 - Jan 2018

Infinity Automotive Data Analysis

- Infinity automotive is Pune, India based automobile parts and service provider. As part of our industrial visit to this company they offered their dataset on automobile services and part sales. Data was provided as a collection of csv files.
- Prepared data model for above database and ingested these csv files into **MySQL** database
- Used **SQL** to perform various analysis such as sales growth in services and parts. SLA's for service orders, detected inefficiencies in their sales and marketing process
- Used **Power BI** for plotting various trends
- Downloaded subset of their service data into **excel** and plotted **pie charts, bar charts** for demographic breakdown, downtime hours etc

Other Activities

- Member of DDIT IEEE chapter
- Member of business innovation committee at my university. Helped in arranging various hackathons and cultural events.
- Volunteered 20 hours for habitat of humanity in summer 2017