JIGAR PATEL

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DATA ANALYST | MSC., STATISTICS

Passionate & Problem-solver Data Analyst with proven ability of **solving business problems** using data-driven business insights, and knowledge.

- **3+ years of experience** analyzing various data using of **Python, R, Excel, SQL, Tableau, Power BI**.
- Experienced of **data requirement gathering, validating** & **pre-processing data.**
- Experienced of **data modeling**, **descriptive, diagnostic** & **exploratory analysis**.
- Worked on **regression modelling, LPP modeling, hypothesis testing** Using python and R.
- Developed automated **dashboard** and **reports** using BI tools.
- Designed, implemented, and **Analyzed survey** to understand areas of improvement.
- **Portfolio**: https://jigarpatel931.github.io/
- **Tableau**: https://public.tableau.com/app/profile/jigarpatel136

PROFESSIONAL EXPERIENCE

Data Analyst | SMDHU (Contract)   May 2021-Oct 2022
Tools: **Excel, Tableau, Salesforce**.

- Developed and maintained the multiple **tableau reports** on health KPIs (Related to Covid-19).
- Work on data preprocessing, data integrity projects with multiple teams.
- Developed customized application in salesforce to manage and extract required data for reporting.
- This led to **easy tracking of different KPIS** for internal team and common people of the region.

Data Analyst | Freelancer   Feb 2021-May 2022
Tools: **Excel, SQL, Tableau, PowerBI, Google sheets**.

- Worked with couple of start-ups from e-commerce, Ed-tech sectors. Helped them to make data driven decisions.
- Helped ecommerce client to identify **customer's buying pattern** based on locations.
- Worked with marketing team to identify products association with locations & customer demographics data.
- Performed cohort & market basket analysis & analyzed Facebook campaigns. Client was able to **save marketing cost** by ~10%.
- Worked with NGO to analyzed Donation data and **identified pattern** of donor's donation & major causes.
- **Developed Automated BI dashboard** & Provided education about how to interact & manage BI reports.

Data Analyst (Project) | Humber College   Sep 2020-Dec 2020
Tools: **Excel, Google Sheets, SQL, Tableau, Python libraries (pandas, NumPy, matplotlib).**

- Developed a **resource optimization model** using simulation & linear algebra in python (pandas, NumPy).
- Identified business requirements by implementing a **product-based survey** to 100+ testing users.
- Created bugs reporting and tracking tools using google spreadsheets and analyzed it frequently.
- Facilitated user to choose best resources with one click against the constrains of cost, efficiency, and other performance parameters using modelling.

Data Analyst | S&P Global   Mar 2018-Mar 2019

Tools: **Excel, MySQL, Internal ETL tool, Abbyy FineReader, Word, Macros.**

- Analyzed, prepared, and cleaned financial data using word macros, SQL, and Excel.
- Worked on **data audits and data validation** to improve data accuracy.
- Worked on data pipeline for complex data processing and optimized time by 20%.
- Presented data connections and findings reports to the team to improve business performance.

Data Analyst | COGNACINDIA   Aug 2017-Mar 2018

Tools: **Excel**, **SPSS, R, Python, Tableau, PowerBI, SQL**.

- Developed and implemented predictive modeling on various data using R & Python.
- Performed data cleaning, quantitative analytics, hypothesis testing, survey analysis, and ad-hoc queries.
- Prepared Data joins from multiple sources & developed business metrics dashboard for various clients.
- Provided insights and recommendation for business and monitor process adherence.
- Performed marketing modelling & cohort analysis.

EDUCATION

Postgraduate in Project Management | Humber College |Toronto, ON GPA: 3.7/4.0 | Dean's List	May 2020-Dec 2020
Postgraduate in Big Data Analytics **|** Georgian College | Barrie, ON GPA: 3.7/4.0 | Dean's List	May 2019-Dec 2019
Master of Science in Statistics | Maharaja Sayajirao University | India CGPA: 6.8/10	Jun 2015-May 2017
Bachelor of Science in Statistics | Gujarat University | India CGPA: 6.9/10	Jun 2012-May 2015
Certificate in **Machine Learning** | Stanford University	Mar 2021

TECHNICAL SKILLS

Soft skills: Report writing, Critical thinking, problem solving, communication & teamwork.

Tools: MS Excel, Pivot, Word, PowerPoint, Power query, VLOOKUP, Google sheet, Data studio.

Data management: Data Blending, Data manipulation, Data joins, Relational database (RDBMS).

Statistics: Regression, Correlation, Inference testing, Experimental Design, Survey design.

Data Analysis: Pattern analysis, Clustering & Classification, Cohort, Data Visualization, predictive modelling.

Programming: SQL, Python (Pandas, Numpy, Scikit-learn, matplotlib), R (Dplyr, Plotly, mlr).

Tools: Tableau, PowerBI, MySQL, Access, PostgreSQL, Jupyter notebook, Salesforce ccm, Hadoop.

Hands on experience with: K-NN, Regression, Decision tree, PCA, K-means clustering, Looker, Hadoop, Azure cloud services, Pig, Scala, TensorFlow, Opencv.