

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 results & data pre-processin**.
- **Experienced in analyzing marketing campaign data**.
- Performed data modeling, **exploratory analysis**, developed **automated business intelligence report**.
- Developed **regression model, LPP modeling, hypothesis test** Using python and R.
- Developed different self-served **KPI-dashboard** and **reports** using BI tools.
- Designed, implemented, and **Analyzed survey** to understand areas of improvement.
- Portfolio: <https://jigarpatel931.github.io/>

PROFESSIONAL EXPERIENCE

Data Analyst | SMDHU (Contract)

May 2021-Ongoing

Tools: **Excel, Tableau, Salesforce**.

- Developed and maintained the automated tableau reports on health KPIs (Related to Covid-19).
- 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 city.

Data Analyst | Freelancer

Feb 2021-Ongoing

Tools: **Excel, SQL, Tableau, PowerBI, Google sheets**.

- Worked with stakeholder
- Developed an automated reports & dashboard for e-commerce/web data, logistic data, Ed-tech data.
- Performed **cohort & market basket analysis**, product-wise analysis & analyzed **Facebook campaigns**. Client was able to **reduce marketing cost by 10%**.
- Analyzed Donation data and identified pattern of donor's donation & major causes.
- **Segmented/clustered customers** based on their course interest and personal demography for better marketing strategy.
- Analyzed product & service performance with different location zones and customers.
- Provided education about how to interact & manage BI reports.
- **Worked with various stakeholders(start-ups)** and presented findings using PPT and automated reports.

Simulation AI Developer | 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 constrains of cost, efficiency, and other performance parameters using modelling.

Data Research 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.
- Implemented a new data pipeline/ETL Process 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 May 2020-Dec 2020

GPA: 3.7/4.0 | Dean's List

Postgraduate in Big Data Analytics | Georgian College | Barrie, ON May 2019-Dec 2019

GPA: 3.7/4.0 | Dean's List

Master of Science in Statistics | Maharaja Sayajirao University | India Jun 2015-May 2017

CGPA: 6.8/10

Bachelor of Science in Statistics | Gujarat University | India Jun 2012-May 2015

CGPA: 6.9/10

Certificate in Machine Learning | Stanford University Mar 2021**TECHNICAL SKILLS**

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, Exploratory analysis, Experimental Design, Survey design.**Data Analysis:** Pattern analysis, Clustering & Classification, Cohort, Data Visualization, Machine learning.**Programming:** Python (Pandas, Numpy, Scikit-learn, matplotlib), R (Dplyr, Plotly, mlr), Jupyter notebook.**Tools:** Tableau, PowerBI, SQL queries, MySQL, Access, PostgreSQL, Salesforce, Scala, Hadoop.**Other tools:** BI reporting, A/B testing, MS SQL server, MMM modelling, Multivariate analysis.