

EDUCATION

Humber College <i>Postgraduate in Business Insights and Analytics: CGPA 8.4/10</i>	Toronto, ON 2021-Present
Gujarat University <i>Bachelor of Commerce: CGPA 7.7/10</i>	Gujarat, India 2017-2020

EXPERIENCE

Jaydev Parmar & Co <i>Accounting Intern</i>	Gujarat, India November 2020-August 2021
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- Prepared financial statements for clients
- Prepared budget analysis and audit reports for a State Govt. Co-Op bank
- Managed journal entries, accounts payable and receivable on Tally ERP 9 software
- Enhanced data collection, modeling and analysis process by utilizing data-structure based storage

ACADEMIC PROJECTS

Store sales database: Completed **SQL data exploration analysis** on a store sales data-set to create an analysis using **Hadoop components**. To answer the analytical questions, solved queries in Hive, mapped it with HBase Shell followed by visualizing it in the Zeppelin and **text analysis** in **PIG** as well. Gave suggestions to the store to solve certain issues and for expanding its sales.

Flight Delay Prediction: To classify and predict the status of flights based on a flight delay dataset, used **Naive Bayes**, **CART**, and **Multiple Linear regression** models in python and scored a grade of 90%.

Housing Price Predictions: Used Python to clean the data and performed **Linear Regression**, **KNN**, **Random Forest** and **CART** algorithms. Predicted the Price of Houses based on the given dataset and scored 90%.

Education Recommendation Application: Built a **web-based application** in **Eclipse** that recommended different academic programs to Humber students by leveraging their educational background, grades and interests.

Market Basket Analysis: Using RStudio, analysed consumer behaviour and their purchasing patterns based on marketing data to make recommendations for The Eco-Friendly Store, an e-commerce business, to improve their marketing strategy.

Prime Cinema Data Analysis: Using RStudio, studied customer behaviour and the impact of rewarded points on the amount spent by customers based on data from a fictional firm. Consumer turnover was studied in order to predict customer loyalty.

Investment Strategy Analysis: Analyzed two companies Metro Inc. and Empire Co. using their **income statement** and **consolidated financial statement**, to advise which one is better to invest based on the **different ratios**.

Indian Stock Exchange data analysis: Built **stock performance dashboard visualization** to support **distribution analysis and trend analysis**. This was used to create suggestions for descriptive, diagnostic and predictive analysis. **Build ERD** (entity relationship diagrams) for different data points.

Telecom Industry data analysis: Analyzed the available unstructured telecom industry data-set in **excel** and came up with a few analytical questions related to the main business problems. Assigned myself a **data scientist role** to solve those business problems using data followed by **preparing a report** about the data.

Operations strategy recommendation: Analyzed the impact of different **business strategies** on restaurant operations during pandemic, leveraged **SWOT analysis** and **ten-operations management principles** to suggest improvements yielding increase in expected revenue.

Supply Chain analysis: Evaluated the **logistics functions**, the **broader and internal supply chain** and all the aspects of supply chain management for the Ninja Delivery company based in Toronto.

Freedom Mobile business Analysis: Performed business strategy analysis for the company on **macro and micro level perspective**. And have completed three papers and presentations that examine the company's business strategy.

H&R Block data governance of ethics and policies: To explore the **broader aspects of data ethics**, **data structure** and **data governance policies** for the H&R Block, the analysis on **models of moral reasoning** about the agents, choices, consequences and outcomes, utility values, their payoffs and beliefs was done.

SKILLS

Programming: C, Java, Python, R, SPSS Syntax, SQL, XML

Software/Tools: Eclipse IDE, Hadoop, HBase, HDFS database, Hive, IBM Cognos Analytics, IBM SPSS, IBM SPSS Modeler, Jupyter, Microsoft PowerBI, MS Excel, MS Office, MySQL, Neo4j, PIG, RStudio, SAS, Tableau, Tally ERP 9, Zeppelin

Soft Skills: Leadership, Problem Solving, Creativity, Interpersonal skills

Business/Analytics: Business analysis, Critical thinking, Data science, Data Preparation, Data Mapping, Data Mining, Data Warehousing, Data Visualization, Database knowledge, Data Interpretation, Text analysis, Business Intelligence, Machine Learning, Big Data, Cloud-based Ecosystem, Linear and logistic regressions, Macro/Micro Economic analysis, Operations management, Presentation skills, Probability & Statistics, Programming, Supply chain management, Business Administration, Financial Analysis, Tax Preparation, Accounting, Invoicing, Financial Auditing