

# VIBHUTI THUMMAR

## Business Analyst | Web Developer

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Portfolio : [vibhuti9419.github.io/Portfolio/](https://vibhuti9419.github.io/Portfolio/) | Ontario,Canada

### Summary

Highly motivated Business Analyst with a Master's in Computational Science and a proven track record in data collection, automation, and performance reporting. Strong expertise in leveraging data analytics, business intelligence, and machine learning to drive business performance and enhance operational efficiency. Skilled in streamlining processes, optimizing workflows, and creating efficiency in data reporting. Adept at supporting cross-functional teams, maintaining key documentation, and providing insights that inform performance management and decision-making. Seeking to apply analytical and technical expertise to contribute to organizational goals and improve business operations.

### Experience

#### Laurentian University, Sudbury ,ON

##### Graduate Teaching Assistant(Business Analyst)

08/2024 - Present

- Assisted in the data collection, automation, and monitoring of student performance in business analytics, focusing on statistical analysis and data visualization using Tableau and Power BI.
- Led the development and maintenance of performance reports and analytical dashboards, providing insights to improve decision-making.
- Collaborated with faculty to streamline and optimize curriculum materials and assessment guides, ensuring consistency across key business processes.
- Provided consultative support in data-driven project development, focusing on performance optimization and business process improvement for students and faculty.
- Contributed to annual reviews of performance management tools, ensuring all changes were consistently applied across stakeholder groups.

#### Kaizen Infocomm Pvt Ltd, Ahmedabad,India

##### Web Developer

05/2021 - 05/2023

- Streamlined business workflows, identifying areas for improvement in web applications, resulting in a 15% increase in operational efficiency.
- Developed automated data reporting solutions that integrated multiple data sources, ensuring real-time access and enhancing performance analysis.
- Collaborated with cross-functional teams to collect business requirements and develop solutions to streamline and automate business processes.
- Provided insights into performance metrics and business intelligence tools, supporting data-driven decision-making across multiple departments.
- Created and maintained performance documentation to ensure consistency across teams and meet project deadlines and standards.

### Skills

#### Data Analysis & Visualization

MySQL, Power BI, Tableau, Data Integration, ETL, Data Governance, Predictive Modeling, Machine Learning, Statistical Analysis, Data Warehousing, Python, R, Advanced Excel, Data Modeling

#### Software Development & Programming

React, React Native, Python, Java, Java Spring MVC, Spring Security, Hibernate,JavaScript, Mobile App Development, CI/CD Pipelines, DevOps, Agile, Git, JavaScript, RESTful APIs ,HTML5,CSS3,JQuery,JSON,AJAX,Web scraping techniques.

#### Cloud Technologies & Tools

Google Cloud Platform, Azure Virtual Machines, Azure DevOps, AWS, Cloud SQL, Azure Data Factory, Google Cloud Platform, Docker, Kubernetes, Serverless Architecture, Microsoft Azure, Big Data Technologies

#### Project Management & Collaboration

Agile Project Management, CI/CD Implementation, Stakeholder Engagement, Team Leadership, Technical Documentation, Training & Development, Strategic Planning, Budgeting Systems, Vendor Management

## Education

### Laurentian University - Université Laurentienne

Master of Computational Science | GPA **3.1** 4.0

09/2023 - 12/2024

Specialization: Data Science, Business Analytics, Data Mining, Cloud Computing,  
Image Processing, Data Visualization

### Gujarat Technological University

Bachelor of Computer Engineering | GPA **3.3** 4.0

07/2013 - 07/2017

Specialization: Software Development, Database Management, Web Development

## Projects

### Telecom Data Analysis

[https://public.tableau.com/app/profile/vibhuti.thummar/viz/TelecomAnalysisGroup8\\_17237858212000/TelecomAnalysis](https://public.tableau.com/app/profile/vibhuti.thummar/viz/TelecomAnalysisGroup8_17237858212000/TelecomAnalysis)

- Conducted an in-depth analysis of telecommunication datasets to identify regional usage trends, network performance, and customer behavior insights.
- Cleaned, organized, and structured large volumes of telecom data to ensure accurate and efficient analysis, using advanced data wrangling techniques.
- Created pivot tables, interactive dashboards, and visualizations in Tableau to present actionable findings, helping stakeholders understand network efficiency and identify areas for optimization.
- Leveraged data analysis tools to drive data-driven decision-making and improve telecom operations, ultimately supporting business strategies focused on optimizing network resources and enhancing customer experience.

### House Price Prediction Using ML Algorithms

- Designed and developed a house price prediction model using machine learning algorithms to predict property prices based on various features like location, square footage, and amenities.
- Gathered data by web scraping real estate listings from Redfin Canada, collecting comprehensive property data from cities across Ontario, ensuring a robust and diverse dataset.
- Applied machine learning algorithms to analyze the data and build predictive models, identifying key factors influencing house prices.
- Visualized the prediction results and potential price outcomes in Power BI, providing an interactive dashboard for business stakeholders to make data-driven decisions on property investments.
- Delivered insights into pricing trends, helping real estate professionals and buyers understand the market dynamics and predict future price movements.

## Certificates

- Cisco Networking Academy: Data Analytics and Data Science
- Udemy: Business Intelligence Analyst with Python and Tableau
- IDM & CognitiveClass: Advanced SQL and Relational Databases
- Cisco Networking Academy: Advanced Python for Data Science
- Volunteer, Northern Light Festival organized in Sudbury

## References

- Dr Kalpdram Passi - Professor at Laurentian University, ON, Canada