

VIBHUTI THUMMAR

Business Analyst

Phone:(+1) 249-979-1283 | Email: vthummar@laurentian.ca | LinkedIn :[linkedin.com/in/vibhuti-patel-75170716a/](https://www.linkedin.com/in/vibhuti-patel-75170716a/) |

Portfolio : 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)

01/2024 - Present

- Assisted in the collection, automation, and monitoring of student performance data using Windows-based applications, Excel, Power BI, and Tableau.
- Developed and maintained analytical dashboards and performance reports to provide insights for academic and business process improvements.
- Provided technical support to faculty and students, troubleshooting IT issues and ensuring seamless system operations.
- Assisted in organizing and managing SharePoint sites for easy access to key documents and resources.
- Collaborated with faculty to optimize curriculum materials, assessment guides, and performance management tools.
- Supported small to medium-sized projects, ensuring timely completion and alignment with institutional objectives.

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 **3.8** 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 **3.6** 4.0

07/2017 - 07/2021

Specialization: Software Development, Database Management, Web Development

Projects

Telecom Data Analysis

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