

VIBHUTIBEN THUMMAR

Business Analyst | Data Analyst

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 vibhuti-thummar-portfolio

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Graduate Teaching Assistant(Business Analyst)

Laurentian University (01/2024 – Present)

- Conducted lab sessions focused on data analysis, visualization, and reporting using Tableau, Excel, and Power BI.
- Assisted students in working with real-world datasets, guiding them in building dashboards and performing exploratory data analysis (EDA) to interpret business trends.
- Developed and graded practical assignments covering statistical modeling, predictive analytics, and KPI measurement, while also providing one-on-one tutoring to improve student comprehension.
- Collaborated with faculty to enhance course content by integrating industry-relevant case studies and emerging trends in business analytics. Supported data-driven projects, helping students apply concepts to real-world business challenges.
- Provided technical support for analytical tools, troubleshooting issues, and encouraging active participation in discussions on business intelligence and data storytelling best practices.

Data Analyst

Kaizen Infocomm , India (09/2021 – 04/2023)

- Extract, clean, and preprocess structured/unstructured data from multiple sources using SQL, Python, and ETL processes to support data-driven decision-making.
- Analyze large datasets, identify trends, and apply statistical techniques and predictive modeling (Python/R) for forecasting and business insights.
- Develop and maintain ETL pipelines for seamless data integration, automation, and database optimization through complex SQL queries.
- Create interactive dashboards and reports using Tableau, Power BI, and Excel to visualize key metrics and drive strategic decisions.
- Collaborate with cross-functional teams to define KPIs, conduct ad hoc analyses, and ensure data integrity, governance, and compliance with industry regulations (GDPR, HIPAA).

PROJECTS

Healthcare Data Dashboard (Google Cloud Platform)

- Developed an ETL pipeline using GCP to integrate CSV data into BigQuery, enabling real-time analysis.
- Utilized Google Data Studio to create interactive dashboards, tracking campaign effectiveness.

Telecom Analysis (URL)

- Cleaned and prepared data in Excel, removing blanks and inconsistencies for seamless analysis.
- Connected and joined datasets in Tableau to create dynamic visualizations, including revenue trends, forecasts, and 5G impact analysis.
- Analyzed key metrics like ARPU, active users, and subscriber trends, identifying top and bottom-performing cities.
- Delivered actionable insights on revenue performance by subscription plans, aiding strategic decisions.

SKILLS

- **Data Analysis & Visualization:** MySQL, Power BI, Tableau, SQL, Data Integration, ETL, Data Governance, Predictive Modeling, Machine Learning, Statistical Analysis, Data Warehousing, Python, R, Advanced Excel, Data Modeling, A/B Testing, Data Cleaning, Business Intelligence
- **Software Development & Programming:** SQL, Python, R, React JS, Node.js, JavaScript, RESTful APIs, HTML5, CSS3, Bootstrap, JQuery, JSON, AJAX, Web Scraping, Data Pipelines, Git, Jira, Agile, CI/CD Pipelines, DevOps
- **Cloud Technologies & Tools:** Google Cloud Platform, Microsoft Azure, AWS, Azure Virtual Machines, Azure DevOps, Cloud SQL, Docker, Kubernetes, BigQuery, Snowflake, Hadoop, Spark, Databricks
- **Project Management & Collaboration:** Agile Project Management, CI/CD Implementation, Stakeholder Engagement, Team Leadership, Technical Documentation, Training & Development, Strategic Planning, Budgeting Systems, Vendor Management

EDUCATION

MSc in Computational Science (GPA 3.8/4.0)

Laurentian University, Canada

BE in Computer Engineering (GPA 3.6/4.0)

Gujarat Technological University, India

ACHIEVEMENTS

- 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