

Vatsalkumar Patel

Data Analyst

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SKILLS

- **Technical:** Advanced Excel, Relational Database, ETL, Python, Machine Learning, Cloud Computing, Microsoft Office, PowerPoint, Statistics, Pipeline, DAX, Power Query, Business Analysis, Data Analysis, Data Reporting, Data Visualization, Azure, Databricks, Charts and Graphs, Filters, Tableau, Power BI, SSRS, MS SQL Server, Agile, Scrum, Business Intelligence, Project Management
 - **Soft Skills:** Written & Verbal Communication skills, Analytical skills, Problem-solving, Critical Thinking, Teamwork.
 - **Certifications:** Data Analysis using Excel, Python, SQL, Machine Learning, Cloud Computing (Azure)
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EDUCATION

Postgraduate in Data Analytics for Business

January 2022 to May 2023

St. Clair College of Applied Arts & Technology, ON, Canada

- Collaborated with stakeholders in diverse industries, employing various data analysis tools.
- Utilized data migration techniques for informed decision-making.
- Executed a capstone project showcasing proficiency in multiple languages and platforms, emphasizing a commitment to continuous improvement.

Bachelor of Computer Science in Information Technology

August 2017 to May 2020

Auro University, GJ, India

EXPERIENCE

Data Analyst

January 2023 to May 2023

1 Million Teachers, ON, Canada

Responsibilities

- Utilized statistical modelling and NLP techniques to analyze 16,960 social media data points, generating valuable insights for decision-making and research. Collaborated cross-functionally to deliver data-driven market research reports, addressing key issues with attention to detail.
- Implemented innovative data modelling and advanced analytics, achieving a 20% increase in customer satisfaction and a 15% reduction in complaints. Demonstrated strength as an analytical engineer in a fast-paced environment.

Software Developer

January 2020 to May 2020

Technoinc AI Services, Surat, GJ, India

Responsibilities

- Skilled software developer specializing in ML and Deep Learning. Designed and developed an advanced Steel Defect Detection software, achieving an impressive 95% accuracy in identifying and categorizing defects in steel materials.
 - Proficient in data modelling and implementing innovative algorithms, resulting in a significant 30% increase in defect detection efficiency, optimizing the system's overall performance.
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PROJECTS

Nashville Housing Prices Data Analysis (SQL)

January 2023 to April 2023

- Conducted extensive data analysis on Nashville housing prices using SQL. Extracted valuable insights to support decision-making, achieving a 25% increase in data-driven strategic planning.
- Utilized SQL queries to aggregate and analyze 729,000+ datasets, identifying key trends and patterns. Presented findings through interactive reports and dashboards, improving market understanding and facilitating data-driven decisions.

Data Professionals Surveys Breakdown Analysis (PowerBI)

August 2022 to December 2022

- Conducted comprehensive "Data Professionals Survey Breakdown" analysis using Power BI, advanced data modelling, and DAX queries. Created interactive dashboards and reports, presenting key KPI insights with a 20% improvement in data-driven decision-making.
- Demonstrated proficiency in BI tools and SQL Server BI Stack for efficient data visualization and analysis of more than 17,000 datasets.