NITIN BHATTI

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PROFILE - Data Analyst & Business Intelligence Engineer

Data Analyst / BI Analyst with 1.5+ years of experience delivering **Power BI / Metabase / Tableau dashboards**, **SQL + Python** data pipelines, and KPI-driven insights for business stakeholders. Proven impact improving reporting efficiency by **40%** and reducing data inconsistencies by **20%** through **data modeling**, **ETL automation**, and strong stakeholder communication. Comfortable working in **Agile (Jira/Kanban)** environments and translating business needs into clear **KPI definitions**, reporting logic, and measurable outcomes. Currently pursuing an **M.Sc. in Computer Science (Algoma University)** and eager to support in **field of data analytics and data science** with data-driven decision-making skills.

TECHNICAL SKILLS

Business Intelligence & Analytics: Power BI, **Metabase**, Tableau, DAX, Power Query, KPI reporting, Trend analysis, Forecasting, Statistical modeling, Variance analysis, Feature Engineering, EDA
Data Engineering & Databases: SQL (MySQL), Data modeling, ETL, Data cleaning, Aggregation, Scheduled refresh, Query optimization, Data validation
Programming: Python (pandas, NumPy, scikit-learn), Deep Learning, Notebooks, ML workflows
Backend & APIs (supporting): Django, Django REST Framework, FastAPI, REST APIs, JSON, authentication, pagination
Ways of Working: Analytical, **Problem Solving**, Collaboration, Stakeholder communication, Documentation, Agile, Jira, Kanban
Tools: Git/GitHub, Jupyter, VS Code, PyCharm, Microsoft 365, Google Workspace, Slack, Excel, Azure (OCR/Computer Vision)

EXPERIENCE

Data Analyst
TechAnek Technologies
Jun 2024 - Jul 2025
Gujarat, India

- Analyzed **50,000+** data points and built **Power BI & Metabase dashboards**, improving reporting efficiency by **40%** and reducing inconsistencies by **20%** for business teams.
- Designed end-to-end **Python + SQL** pipelines to automate **data cleaning**, aggregation, and **scheduled refresh** for recurring analytics reporting.
- Tuned **SQL queries**, data models, and dashboard measures to maintain performance while scaling KPIs, filters, and multi-team reporting views.
- Partnered with stakeholders to define and document **KPIs**, business rules, and reporting logic, improving long-term consistency and decision confidence.
- Integrated **Azure OCR / Computer Vision** outputs with workflow updates (Telegram/Slack bots) to support near real-time visibility into operational metrics.

AI, IoT & Python Developer
Edunet Foundation with SAP India
Jan 2024 - Apr 2024
Gujarat, India

- Processed **1,000+** image samples using **Python + Computer Vision** to improve **data quality** and downstream model accuracy.
- Built automation to speed up preprocessing and analysis, improving turnaround time for reporting and mentor reviews.
- Created visual reports/presentations translating technical outcomes into clear performance trends for non-technical audiences.

Python Django Developer
TechAnek Technologies
Aug 2023 - Sept 2023
Gujarat, India

- Maintained a Django backend supporting **5,000+** user interactions on a Commercial Business Model (CBM) platform.
- Enhanced REST APIs used for performance tracking/analytics, improving reliability for data-driven views.
- Added structured logging and error-handling around critical endpoints to reduce debugging time during frequent releases.

Data Analytics & Machine Learning Intern
Infolabz IT Services Pvt. Ltd.
Jul 2023 - Aug 2023
Gujarat, India

- Built foundations in **Python**, pandas/NumPy, Matplotlib, and ML (regression/classification) through practical datasets and demos.
- Assisted with dataset preparation, model training, and results interpretation; supported creation of simple dashboards/charts.

Python Instructor (Freelance Tutor - Online)
Online Live Learning Platform
Feb 2023 - Apr 2025
Remote

- Delivered 1:1 and group sessions on Python (data structures, OOP, basic data/web projects), strengthening communication and structured teaching.
- Managed schedules/materials with Excel/PowerPoint, improving consistency across **50+** sessions.

PROJECTS - DATA, ANALYTICS & BACKEND

Experience Trend Forecasting On Canada Dashboard - Tableau | [View]
- **Situation/Tasks:** Stakeholders needed to understand long-term trends and seasonality in performance/experience metrics.
- **Action:** Built a Tableau dashboard using historical data, added forecasting and trend lines, and organized views for quick comparison over time.
- **Result:** Helped users identify upward/downward trends and seasonal patterns, supporting better planning and reporting.

KPI Performance Dashboard & Root-Cause Insights (Finance Dashboard) - Power BI | [View]
- **Situation/Tasks:** The finance team was manually tracking monthly income and expenses, making it hard to spot trends and issues quickly.
- **Action:** Designed a Power BI dashboard using Excel + Power Query, modeled data, and built DAX measures to compare categories, months, and variance.
- **Result:** Reduced monthly reporting effort by 40% and highlighted key overspending categories for deeper investigation.

Sales Insights Dashboard - Power BI + SQL | [View]
- **Situation/Tasks:** Management needed a clear view of sales performance across regions, customers, and products instead of scattered spreadsheets.
- **Action:** Built an interactive Power BI dashboard with slicers, drill-downs, and time-based KPIs (revenue, quantity, top-N) using SQL-prepared data.
- **Result:** Enabled faster decision-making and improved visibility into top-performing regions, customers, and products.

Predictive Analytics - House Price Forecasting App - FastAPI + ML | [View]
- **Situation/Tasks:** There was a need for a simple tool to estimate house prices using features like area, rooms, and location.
- **Action:** Trained a regression model in scikit-learn with GroupKFold validation and deployed it as a FastAPI service with a small UI consuming the API.
- **Result:** Delivered near real-time predictions and demonstrated how an ML backend API can power an application.

Medical OCR Analyzer (OCR-Based Text Insights System) - Django + Azure OCR + Python | [View]
- **Situation/Tasks:** Feedback and records were stored in scanned documents, making it difficult to analyze patterns and key issues.
- **Action:** Used Azure OCR to extract text, processed it in Python, and integrated the workflow inside a Django app to organize and summarize themes.
- **Result:** Turned unstructured documents into structured insights, allowing faster review of key complaints and topics across batches.

POSITIONS OF LEADERSHIP & RESPONSIBILITY

Associate Member - Happy to Help Worship   Apr 2019 - Jul 2025
- Supported distribution of low-cost notebooks (up to **50%** reduced cost) and helped with fundraising/vendor coordination.
- Assisted for fundraising, vendor coordination, and outreach to schools, building long-term commitment to community impact.

Expert Coordinator - Code Unnati Innovation Marathon 2.0 (GTU & SAP India)   Mar 2024
- Contributed to a **national-level innovation competition**, supporting teams with **technology and planning** guidance.
- Helped manage event workflows, improving coordination and communication between organizers and participants.

CEO & Team Lead - Alive: Animal Detection System (Shark Tank - University Level)   May 2023
- Led a team to design an AI-based animal detection solution and pitched to industry experts; handled tech + budgeting.

Team Leader (Game Committee) - Veyg-2k22 Annual Technical Festival   Apr 2022
- Led a team of **20+** members to organize gaming events; coordinated schedules and execution for hundreds of participants.

EDUCATION

Algoma University   *Sault Ste. Marie, ON, Canada*
Master of Science - Computer Science(MSc)   Sept 2025 - Aug 2026

Gujarat Technological University   *Gujarat, India*
Bachelor of Engineering - Computer Engineering(BE) | CGPA: 9.41/10   Oct 2020 - Jul 2024

CERTIFICATIONS & AWARDS

Certifications
- AWS Certified Machine Learning - Specialty (MLS-C01) - LinkedIn [View]
- Career Essentials in Data Analysis by Microsoft & LinkedIn [View]
- Code-Unnati Program - Emerging Technology - SAP India & Edunet Foundation [View]
- Introduction to AI - Simplilearn [View]
- 100 Activity Point Certificate - Gujarat Technological University [View]

Honors & Awards
- Top 20 National Ranking - Communication Skills (HireMee Career Assessment) [View]