

# Bhuvnesh Bhatt

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## PROFESSIONAL SUMMARY

Data Scientist with expertise in machine learning, natural language processing, and statistical modeling. Experienced in developing and deploying end-to-end ML solutions including deep learning (TensorFlow, PyTorch), feature engineering, and model optimization. Skilled in building production-grade pipelines, interactive dashboards, and delivering measurable business insights.

## CORE SKILLS

- **Programming:** Python, SQL
- **Machine Learning:** Supervised & Unsupervised Learning, Regression & Classification, NLP, Feature Engineering, Cross-validation, Hyperparameter Tuning, Scikit-learn, TensorFlow, PyTorch, Keras
- **Visualization:** Power BI, Tableau, Looker Studio, Matplotlib
- **Databases & Cloud:** PostgreSQL, SQLite, BigQuery, Snowflake, Databricks, MySQL, MSSQL & GCP, AWS, Azure
- **Big Data Tools & Deployment:** Hadoop, Spark, Streamlit, Gradio, Git, Github, Airflow, dbt,
- **Certifications:** Cisco Data Analytics, Coursera SQL, IBM Python, BCG & PwC Job Simulations

## EDUCATION

**Adani Institute of Digital Technology Management**, Ahmedabad, India  
PGDM in Big Data Analytics

July 2024 – Present

**Shri Mata Vaishno Devi University**, Jammu, India  
Bachelor of Technology in Mechanical Engineering

July 2019 – June 2023

## WORK EXPERIENCE

**Hire 4 Higher Consulting**, Ahmedabad, India  
Data Analyst Intern

April 2025 – August 2025

- Designed and optimized ML-driven dashboards (Power BI, Tableau, Looker Studio) that improved the efficiency of campaign ROI analysis by 35%.
- Developed and deployed a sentiment analysis tool (Python, Streamlit, PostgreSQL) that improved review insights accuracy by 20% and reduced manual tagging time by 30%.
- Applied NLP techniques (spaCy, nltk, RoBERTa) for aspect-based sentiment extraction and recommendation generation, increasing granularity of insight for clients.
- Implemented cross-validation and hyperparameter tuning pipelines to ensure robust model performance.
- Conducted A/B testing and statistical evaluation to validate the output of the ML model and the business recommendations.

## PROJECT WORK

**AI-Powered Healthcare Navigator**

July 2025 – August 2025

- Built an interactive chatbot mapping user-reported symptoms to medical specialists using structured knowledge bases and NLP models.
- Integrated diagnostic modules and scheduling; delivered a Gradio prototype for clinical support.

**SQL Chatbot for Database Querying**

May 2025 – June 2025

- Developed a natural-language SQL chatbot with Streamlit UI and LangChain agents, enabling non-technical users to query databases.
- Improved query accuracy by 15% using iterative prompt engineering and regression-based intent classification models.

**Hotel Booking Data Analysis and Visualization**

April 2025 – May 2025

- Multi-year analysis of booking data with SQL and ML clustering techniques (K-means) to segment customers by loyalty and booking behavior.
- Power BI dashboards were built and insights were provided to optimize pricing, reducing cancellation rates by 12%.

**MyGlasses Business & Data Analytics Project**

March 2025 – April 2025

- Data sets of eyewear brands analyzed using SQL to solve 50+ business problems in sales, inventory, and customer segmentation.
- Built interactive Power BI dashboards and KPI reports for product performance, stock optimization, and store benchmarking across multiple regions.