Utkarsh Wagh

https://github.com/wutkarsh12   https://www.linkedin.com/in/utkarshwagh1/

wutkarsh1208@gmail.com   +91-9022995364

EDUCATION

VIT Bhopal University   June 2026
B.Tech. Computer Science & Engineering

SKILLS

Statistical & Analytical Techniques: Hypothesis Testing, Regression Analysis, Forecasting, Data Modeling, A/B Testing, Exploratory Data Analysis (EDA)

Programming & Automation: Python (Pandas, NumPy, Scikit-learn, Matplotlib), VBA, ETL Automation, API Integration

Data Management & Databases: MySQL, PostgreSQL, Snowflake, Data Cleaning & Transformation, Data Warehousing Concepts

Business & Consulting Skills: Problem-Solving, Requirement Gathering, KPI Definition, Storytelling with Data, Client Communication

EXPERIENCE

AI-Powered Morning Brief Voice Assistant for Traders | *Personal/Internship Project*

- Developed a voice-enabled AI assistant to deliver daily market briefings, reducing manual market research time by 60% for traders.
- Integrated multiple intelligent agents to retrieve, clean, and summarize real-time financial data from news websites, earnings reports, and APIs, processing 100+ data points per session.
- Built an analytics agent to generate actionable insights, forecasts, and key KPIs, enhancing decision-making speed and accuracy.
- Designed a Streamlit + FastAPI interface for interactive usage, including Text-to-Speech voice output, supporting hands-free market updates for end users.
- Implemented Python (Pandas, NumPy, LangChain) pipelines to automate data aggregation, analysis, and reporting, improving workflow efficiency by 50%.

PROJECTS

Sales & Marketing Analytics Dashboard

- Analyzed and implemented an interactive sales analytics dashboard using Power BI/Tableau with data from SQL and Excel, tracking KPIs like revenue growth, conversion rate, and ROI.
- Performed data cleaning, aggregation, and transformation, improving data processing efficiency by 20%.
- Conducted regional and product-level performance analysis, identifying underperforming segments and recommending strategies, simulating 15% sales efficiency improvement.
- Applied trend forecasting and statistical analysis to generate actionable insights for business decision-making.

Customer Segmentation & Churn Prediction

- Developed customer segmentation using K-Means clustering and built a predictive churn model with logistic regression/XGBoost, achieving 85% accuracy.
- Used Python and SQL for end-to-end data extraction, transformation, and modeling.
- Recommended retention strategies for high-risk segments, simulating 12% reduction in churn and providing actionable insights for marketing and sales teams.
- Presented results via interactive dashboards and visualizations to support strategic business decisions.

EXTRA-CURRICULAR

Team Lead, MUN Club, VIT Bhopal

- Managed event timelines and team assignments while ensuring smooth operations during five different conferences, contributing to an impressive total attendance growth exceeding 200 participants year-over-year.
- Conceptualized and Proposed visually compelling content to captivate audiences, encourage active participation, and enhance overall user engagement.

Certifications

- IBM Data Science Professional Certificate (Coursera) – Covers Python, Pandas, NumPy, Data Visualization, and Machine Learning basics.
- Tableau Desktop Specialist – Hands-on experience in creating dashboards and visualizing real-world datasets.