ADITYA DEVKAR

+917888080705 | adityadevkar78@gmail.com | [Portfolio](#) | [Linkedin](#)

PROFESSIONAL SUMMARY

Analytical and detail-oriented Data Scientist with hands-on experience in MS Excel, Python, SQL, Power BI, & Machine Learning. Proficient in extracting insights from large datasets, building predictive models, and creating interactive dashboards to drive business decisions. Developed end-to-end analytics projects including Customer Segmentation Analysis, Titanic Survival Prediction, and HomeScout AI - Pune House Price Predictor. Strong command over data cleaning, feature engineering, and visualization using tools like Pandas and Matplotlib. Adept at communicating insights with clarity and solving real-world problems using data.

EDUCATION

Ajeenkya D Y Patil University, Pune, India
Bachelor of Computer Application (BCA), 2022 - 2025
Specialization: Big Data Analytics

WORK EXPERIENCE

Data Science Intern, CodTech IT Solutions
- Utilized MS Excel and Power BI to analyze large datasets and create interactive dashboards for data-driven decision-making.
- Drove end-to-end data science projects, handling data cleaning, processing, modeling, and result interpretation.
- Influenced **4** new business strategies by delivering concise analysis reports to non-technical teams.

PROJECTS

HomeScout AI - Pune House Price Predictor | Python, Streamlit, SQL, ML   **LINK**
Project focused on predicting real estate prices and analyzing user search trends using cloud-native architecture
- Built a full-stack web app delivering real-time property valuations with integrated search across major real estate portals.
- Implemented PostgreSQL backend for user activity tracking, enabling complex queries and behavioral analytics
- Created analytics dashboard visualizing search metrics and user patterns using Pandas and Plotly.

Customer Segmentation Analysis | SQL, Power BI, RFM   **LINK**
Project focused on analyzing customer segmentation based on purchasing habits
- Strategically grouped customers into actionable segments like "high-value" and "at-risk."
- Built a structured MySQL database and wrote an efficient script to process raw transaction data.
- Designed a visually intuitive Power BI dashboard to guide data-driven marketing efforts.

Titanic Survival Prediction | Python, Machine Learning, Pandas, Scikit-Learn   **LINK**
Machine learning project aimed at predicting passenger survival on the Titanic.
- Built a complete end-to-end machine learning model to accurately predict passenger survival.
- Cleaned the raw historical dataset and engineered new impactful features using Pandas.
- Trained and systematically evaluated over 8 different classification models using Scikit-learn.

NoteTube AI | Streamlit, Google Gemini API, Python   **LINK**
AI-powered application converting YouTube educational videos into study notes, quizzes, and downloadable materials
- Built Streamlit app using YouTube Transcript API and Gemini AI to convert educational videos into structured notes,
- Implemented PDF and PPT export functionality using ReportLab and python-pptx with modern UI design.
- Engineered automated MCQ quiz system generating 5 questions per video with instant scoring and feedback.

SKILLS

- **Languages:** Python, SQL
- **Databases & Tools:** MySQL, Power BI, MS Excel, Prompt Engineering, AI Tools (ChatGPT, Gemini, Claude)
- **Machine Learning:** Supervised Learning, Cross-Validation, Predictive Modeling, Feature Engineering
- **Data Analytics:** Exploratory Data Analysis, Visualization, Statistical Analysis, Data Wrangling, Reporting & Dashboarding
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- **Soft Skills:** Problem Solving, Communication, Data Storytelling, Analytical Thinking, Collaboration

CERTIFICATONS

- Tata's GenAI Powered Data Analytics Job Simulation - Forage
- Applied Data Science with Python - IBM
- Data visualization and reports in Power BI Online workshop – Microsoft