

# ADITYA DEVKAR

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## PROFESSIONAL SUMMARY

Analytical and detail-oriented Data Analyst with hands-on experience in MS Excel, Python, SQL, Power BI, and 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 Global Sales & Operations Dashboard. 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

**CGPA: 9.08**

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.

### Data Science Intern, Plasmid

- Applied data science techniques to analyze complex data and provide clear recommendations.
- Led a team project, taking responsibility for key tasks and meeting all goals on time.
- Helped guide important decisions with practical insights from data analysis.

## PROJECTS

### 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

Machine learning project aimed at predicting passenger survival on the Titanic.

[Link](#)

- 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.

### Global Sales & Operations Dashboard | Power BI, DAX, Power Query

Dashboard project aimed at providing global sales and operations insights

[Link](#)

- Built a visually engaging, sales and operations dashboard in Power BI for holistic business insights.
- Cleaned and transformed large-scale raw sales data from multiple sources using Power Query.
- Authored advanced DAX formulas to generate insightful, custom business performance KPIs with dynamic slicers.

## SKILLS

- Languages:** Python, SQL, HTML, CSS
- Databases & Tools:** MySQL, Power BI, MS Excel, AI Tools (ChatGPT, Gemini, Claude, Midjourney)
- 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

## CERTIFICATIONS

- Tata's GenAI Powered Data Analytics Job Simulation - Forage
- Data Science Orientation - IBM & Coursera
- SQL (Advanced) - HackerRank
- Master Microsoft Excel - LinkedIn Learning