

EDUCATION

Udaynath Autonomous College

Bachelor of Science in Physics (B.Sc) – CGPA : 7.0

Apr 2021 - Apr 2024

Odisha, India

PROFESSIONAL SUMMARY

Detail-oriented and results-driven Data Analyst with experience turning raw data into actionable insights using **Power BI, SQL, Python, and Excel**. Skilled in **data visualization, wrangling**, and **statistical analysis** to solve real-world problems in insurance, e-commerce, crime, and content analytics. Adept at collaborating with teams, communicating insights, and delivering high-impact results on time across multiple projects.

TECHNICAL SKILLS

- Data Analytics:** Data Analysis, Business Intelligence, Exploratory Data Analysis (EDA), Segmentation
- Data Visualization:** Power BI, Excel, Tableau, Matplotlib, Seaborn, Pivot Tables, DAX, Power Query
- Programming:** Python, Pandas, NumPy, Scikit-learn, SHAP
- Databases & SQL:** MySQL, SQL Server, Joins, CTEs, Subqueries, Window Functions
- Tools & Platforms:** Streamlit, GitHub, Hugging Face Spaces, Jupyter Notebook
- Soft Skills:** Problem Solving, Stakeholder Communication, Critical Thinking, Project Management

EXPERIENCE

Data Scientist Intern

Learnbay (Learnvista Private Limited), Bengaluru

May 2024 – Present

- Analyzed real-world datasets from the **insurance** and **e-commerce** sectors to uncover business trends and operational insights.
- Car Insurance Analysis:** Performed **data cleaning**, **feature analysis**, and **segmentation** to identify factors influencing claim frequency and severity. Delivered insights on key variables like **population_density** and **safety_score** to assist risk and pricing teams.
- E-commerce Performance Analysis:** Explored customer and order data from 7 relational tables. Built interactive **Power BI** dashboards highlighting **monthly revenue trends**, **customer retention patterns**, and **seller growth metrics**. Found that **84.5%** of sales came from one-time buyers.
- Created **executive-level dashboards** and reports to support decision-making in pricing, underwriting, and product optimization.

Data Analytics Virtual Internship

Accenture North America – Forge

Apr 2025

- Cleaned, modeled, and visualized multiple datasets to provide content strategy recommendations for a fictional client.
- Delivered a presentation and report summarizing key engagement trends and data-backed business decisions.
- Strengthened ability to communicate **technical insights to non-technical stakeholders**.

AI-Powered Analytics Virtual Internship

Tata Group – Tata iQ – Forge

Jun 2025

- Conducted EDA using **GenAI tools** on financial datasets to identify **delinquency risk indicators**.
- Proposed an initial **no-code predictive model framework** for customer segmentation.
- Designed an **AI-powered collections strategy incorporating ethical AI principles**, regulatory compliance, and automation.

PROJECTS

- Coupon Acceptance Predictor – Python, XGBoost, SHAP, Streamlit, Hugging Face Spaces Live App: [\[Link\]](#) | GitHub: [\[Link\]](#)
- Designed and deployed a full-stack machine learning solution to predict coupon acceptance behavior, achieving **91% recall** for positive responses. Integrated **SHAP-based interpretability** for feature-level transparency and deployed an interactive **Streamlit web app** to enable real-time user testing. Enabled data-driven targeting to optimize **marketing ROI and campaign efficiency**.
- Crime Analytics & Investigation Dashboard – Power BI, Excel, DAX | GitHub: [\[Link\]](#) |
- Built a dynamic dashboard to uncover patterns in city-level crime incidents across **crime type**, **resolution status**, **time**, and **weapon usage**. Implemented advanced **drill-through filters** and **KPIs** to track monthly trends, solve rates, and unresolved cases. Empowered law enforcement agencies with **insightful visuals** for **strategic planning and resource allocation**.

CERTIFICATIONS

- Data Science and AI Certificate – IBM** [\(View Certificate\)](#)
- Data Visualization with Python – IBM** [\(View Certificate\)](#)
- GenAI Powered Data Analytics Job Simulation – Tata** [\(View Certificate\)](#)
- Data Analytics and Visualization Job Simulation – Accenture North America** [\(View Certificate\)](#)