

Soumya Ranjan Maharana

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SUMMARY

Entry-level Machine Learning and Data Analytics graduate with hands-on experience in data analysis, predictive modeling, and dashboard creation. Seeking an entry-level role to apply Python, SQL, and visualization skills in solving real business problems.

TECHNICAL SKILLS

- **Programming:** Python, SQL, C++
- **Machine Learning:** Regression, Classification, Model Evaluation, Feature Engineering
- **Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- **Data Analysis:** EDA, Data Cleaning, Statistical Analysis
- **Visualization & Tools:** Tableau, Excel (Pivot Tables), Google Colab, Git

EXPERIENCE

- **Graduate Engineering Trainee** Sept 2025 – Present
Autoplant System India Pvt. Ltd. *Navi Mumbai*
 - Worked with large operational datasets (**100K+ records**) for analysis and reporting of different plants.
 - Performed data cleaning, validation, and trend analysis to support decision-making and documented workflows.
 - Built Excel dashboards using pivot tables to track KPIs and process performance.
- **Data Analyst Trainee** Dec 2024 – Feb 2025
CampusX *Remote*
 - Conducted exploratory data analysis on historical Olympic datasets.
 - Created Tableau dashboards to visualize trends and key metrics.

PROJECTS

- **Tsunami Prediction and Analysis System** Live | GitHub
 - Collected and analyzed historical **tsunami and seismic datasets** for predictive analysis.
 - Performed **data cleaning, handling missing values, and feature engineering**.
 - Built and compared **supervised ML models** and selected **Gradient Boosting** achieving 86% accuracy.
 - Deployed the model using **Streamlit** for real-time prediction and visualization.
- Technologies Used:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Streamlit

- **Sales and HR Analytics Dashboards** Tableau
 - Developed **interactive Tableau dashboards** for Pizza Sales and HR analytics.
 - Performed **data cleaning and aggregation** using **SQL and Excel**.
 - Analyzed key **KPIs and business metrics** using filters and calculated fields.
- Technologies Used:** Tableau, SQL, Excel (Pivot Tables)

EDUCATION

- **Veer Surendra Sai University of Technology, Burla** CGPA: 7.91
B.Tech in Electronics and Telecommunication Engineering *2021 – 2025*
- **College of Basic Science and Humanities OUAT, Bhubaneswar , Odisha** CGPA: 74.16
Intermediate in Science *2018 – 2020*

CERTIFICATIONS

- Machine Learning and Data Science Training – CampusX
- Tableau for Data Preparation and Visualization – Udemy
- SAP Certified Associate ABAP Cloud Developer – Credly

EXTRA-CURRICULAR & ACTIVITIES

- Solved **450+** DSA problems across multiple coding platforms.
- Practiced ML model development using real-world datasets beyond coursework.
- Ranked **2nd** in a Google Cloud-based technical challenge.
- Participated in Kaggle Model Making Challenge .