

Shivam Singh

Objective

Aspiring Data Analyst with Diploma in Information Technology and hands-on experience in Python, SQL, Excel, and Power BI. Skilled in data cleaning, exploratory data analysis, and dashboard development. Seeking to deliver data-driven insights and support business decisions

Internships

Networking Intern at National Institute of Electronics & Information Technology

27/07/2023 – 08/09/2023

- Gained foundational networking knowledge and hands-on experience with Cisco technologies
- Configured and troubleshooted network devices using routing, switching protocols
- Strengthened understanding of network infrastructure and system reliability

Data Analysis and Machine Learning Intern at National Institute of Electronics & Information Technology

12/09/2022 - 23/09/2022

- Applied Python, pandas, NumPy for data cleaning, manipulation, and visualization
- Conducted EDA to identify trends and supported ML model development using scikit-learn
- Gained practical experience in machine learning workflows and data-driven analysis

Projects

Super Store Sales Dashboard | Power BI

- Built interactive sales dashboard analyzing revenue, profit by region, category, and time period
- Cleaned data with Power Query, designed star schema data model with fact/dimension tables
- Created DAX measures for KPIs (Total Sales, Profit Margin) identifying top products and underperforming regions

Titanic Survival Prediction | Python, scikit-learn

- Cleaned and preprocessed passenger data using pandas/NumPy, handling missing values and categorical encoding
- Performed EDA to analyze survival patterns by age, gender, class; trained classification models
- Evaluated model performance using accuracy metrics and confusion matrix

Snake Game, Currency Converter, Spotify Clone, Static Website | Python, HTML/CSS/Bootstrap

- Developed Python games with collision detection and scoring; built responsive web UIs with HTML/CSS/Bootstrap

Technical Skills

- **Data & Analytics:** Data Cleaning, EDA, Data Visualization, SQL Queries, Power BI Dashboards, DAX Measures
- **Programming & Tools:** Python, pandas, NumPy, SQL, Power BI, Power Query, Excel (Pivot Tables, VLOOKUP), Flask, Django
- **Soft Skills:** Communication, Problem-Solving, Teamwork, Leadership

Education

- **B.Tech** in Computer Science and Engineering | Rajiv Gandhi Proudyogiki Vishwavidyalaya | Sep 2024 – Oct 2027 (Pursuing)
- **Diploma** in Information Technology, CGPA: 8.00 | Gujarat Technological University | Oct 2021 – Aug 2024
- **SSC** | School Board Max English Medium School Percentage : 61% | 2021

Certifications

- Data Analysis with Python • Python Fundamentals for Beginners • Python for Machine Learning
- Web Page Designing • Fundamentals of Digital Marketing

Languages

- English
- Hindi