SOMPARTHA SINHA

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Proficient in Data Visualization, Reporting, Dashboarding, Insight analysis with Computer Science Engineering background with hands on experience in SQL, Excel, Power BI, Alteryx, Tableau. Honing strong analytical skills, decision-making, problem solving abilities with learning mindset and proactive approach.

TECHNICAL SKILLS

- Bash
- TensorFlow
- Power Query (M- Query)
- AWS
- Advanced Excel
- SQL
- MySQL
- SQL Server
- Scikit-Learn
- PyTorch
- Python
- Pandas
- Data Modelling
- Data Visualization
- NumPy
- Data Storytelling

EXPERIENCE

- **IBM Data Science Professional Certificate (Coursera)**: Completed hands-on projects in Python, data analysis, and machine learning, utilizing tools like Jupiter Notebook, Pandas, and Matplotlib to solve real-world data challenges.
- **Google Data Analytics Professional Certificate (Coursera)**: Conducted end-to-end data analysis projects, including data cleaning, visualization, and reporting using tools like SQL, Tableau, R, and spreadsheets to provide actionable insights.
- **Cloud Computing (NPTEL, IIT Kharagpur)**: Gained comprehensive knowledge of cloud architectures, deployment models, virtualization, and cloud-based application development.

PROJECTS

Capstone Project: Business Data Management (Hashtago Digital Marketing Company)

- Collect the raw sales and invoice data from the company and analyzed **sales and invoice data** using Google Collab to identify revenue trends, late payment patterns, and customer retention rates, improving actionable insights by **25%**.
- Designed interactive dashboards in **Tableau** and **Power BI** to visualize sales performance, retention metrics, and payment timelines, reducing overdue invoices by **20%**.
- Developed predictive models to forecast sales trends and customer churn, enabling stakeholders to improve retention strategies and optimize cash flow management, increasing operational efficiency by **15%**.

EDUCATION

Degree/Exam	CGPA/Marks
BS in Data science, IIT MADRAS	7.5/10
Jadavpur University	8.0/10
Higher Secondary Examination	86.4%
Secondary Examination	96.2%

ACHIEVEMENTS

- Spearheaded analytics workshops and case study competitions as a member of **Cifer - Finance and Analytics Club, IIT Madras**, fostering a data-driven approach among participants.
- Contributed to real-world problem-solving projects and organized tech events as part of **Google Developer Student Clubs (GDSC), IIT Madras**, enhancing community engagement and technical expertise in data science and machine learning.