Sayan De
Great Lakes | PGPM 2025

Contributed 50+ Machine Learning & EDA Projects on GitHub

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PROFESSIONAL EXPERIENCE

Capgemini (Aug 2020 – Oct 2023)

Associate Consultant

Managed multiple deliverables concurrently and facilitated the use of **SAP** for enterprise resource planning. Worked primarily as an **ABAP developer** for the **Sales and Distribution** team**,** focusing on RICEF objects, and supported various enhancement and monitoring activities.

❖ Led the integration of a reprocessing routine into an ABAP report, **reducing** shipment status update **processing time by 4 hours** daily ensuring accurate and timely updates.

❖ Directed the implementation of a **user-defined function module** to streamline file transfers from **SAP to Windows servers**, processing more than 10,000 files daily without errors improving data transfer reliability.

❖ Developed a robust ABAP report for **real-time data fetching with dynamic filtering capabilities** of Shipment and Purchase Order changes, enabling tracking of daily more than 100,000 concurrent transactions.

❖ Spearheaded the enhancement of shipment number tracking in the weight file, enhancing the tracking mechanism within the **application layer**, ensuring each shipment number was accurately recorded and traceable.

❖ Supported the B2B team by replacing email functionality with a Customized function module, achieved a 35% reduction in transmission failures, handling more than half a million XML files monthly with improved reliability.

❖ Integrated a new **UI5 application** into the existing **Web Dynpro framework**, providing a more intuitive and **responsive user interface**.

. **Open-Source Projects (**GitHub Link: **GitHub)**

Built projects on topics like Classification, regression, clustering, predictive analytics and Time series forecasting

Project description	Skills demonstrated
Predicted churn using **Logistic regression** and **random forest**	Data cleaning, **feature Engineering**, Model evaluation
Built a Spam mail classifier using Naive bayes and **SVM**	Text processing, TF-IDF Vectorizer, ensemble methods
Predicted house prices using linear regression, **decision trees**.	Cross validation, **Hyper parameter tuning**, handling multicollinearity
Forecasted sales using **ARIMA**, **LSTM**.	**Time series analysis**, model tuning, Data visualization
Segmented customers using **K-means** clustering, DBSCAN.	Cluster-Analysis, Unsupervised learning, elbow method
Analyzed purchase patterns using association rule mining and clustering.	**Market Basket Analysis**, Apriori-algorithm, association rules

SKILLS

Python	SQL	Power BI
Machine Learning		Statistical Analysis
Exploratory Data Analysis		Tableau
SAP ABAP	S/4 HANA	RICEF Objects
Web Dynpro Enhancement		

ACHIEVEMENTS

❖ Cleared Stage 1 in DST & Texas Instruments India Innovation Challenge Design Contest 2018

LANGUAGES

English ● ● ● ● ●
Hindi ● ● ● ● ●
Bengali ● ● ● ● ●

QUALIFICATION

PGPM
Great Lakes Institute of Management Chennai (05/2024 - Present)

B Tech (ECE)   8.99 CGPA
Techno International Newtown Kolkata (2016-2020)

HSC (WBCHSE)   89.2%
Barrackpore Govt. High School Barrackpore (2015-2016)

HSLC (WBBSE)   90.28%
Barrackpore Govt. High School Barrackpore (2013-2014)

POSITIONS OF RESPONSIBILITY

❖ Team Lead for the Extranet (Web version SAP GUI Portal) team while working in Capgemini

CERTIFICATIONS

❖ Data Analysis using Excel, SQL, Tableau - Udemy
❖ Agile Software Development - Coursera
❖ Data Science with Python – Simplilearn
❖ Microsoft Technology Associate: HTML5 Application Development Fundamentals - Microsoft