

Aditi Das

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PROFESSIONAL SUMMARY

Data and AI engineer with 6 years of experience building scalable enterprise systems and data workflows, currently pursuing an M.S. in Data Science with hands-on expertise in NLP, feature engineering, and large-scale data pipeline development.

SKILLS

Programming & Querying:	Python, SQL, Cypher
Data Engineering:	ETL pipelines, data modeling, data transformation
Analytics:	EDA, NLP, Machine Learning
Databases & Platforms:	AWS, Neo4j, Salesforce CRM
Visualization & BI:	Tableau, Matplotlib, Seaborn
Tools & Frameworks:	NumPy, Pandas, Scikit-Learn, Spark, Dask, Git

PROJECTS

LLM-Based Information Extraction & Knowledge Graph System, github.com/aditidas3/ETL_Opioid_Knowledge_Graph

Sep 2025 - Present

- Architected a scalable, schema-constrained LLM extraction framework to normalize large scale enterprise documents (30M+ records) into deterministic, graph-ready JSON representations.
- Designed and implemented a Neo4j-based knowledge graph using LLM-assisted entity extraction, domain ontologies, and Cypher queries for cross-document semantic relationship modeling.
- Creating a dashboard for users which inputs natural language query and outputs evidence-based knowledge graph with explanation to provide clarifications on any part of the reasoning.

Sephora Product Reviews Analysis, github.com/aditidas3/Sephora_product_review_analysis

Sep 2024 – Dec 2024

- Analyzed Sephora product reviews using Kaggle datasets to understand customer sentiment, uncover key skincare concerns, and predict whether a product is likely to be recommended by users, using NLP, topic modeling, and machine learning techniques.
- Extracted insights from unstructured review texts, to demonstrate how these insights can inform data-driven product recommendations.

EXPERIENCE

Deloitte USI, Consultant

Mar 2022 – Aug 2023

- Led end-to-end implementation of two Salesforce CPQ solutions, focusing on data driven pricing, configuration logic and workflow automation to support business analytics and reporting needs.
- Collaborated with stakeholders to gather requirements and translate them to structured data and scalable system designs.
- Developed and customized solutions using Apex, Visualforce, and LWC, ensuring high-quality and reliability across systems.

Lister Technologies (acquired by Bounteous Sol.), Sr. Software Engineer

Apr 2020 – Mar 2022

- Contributed to the development and customization of Sales, Service, and CPQ cloud solutions, reporting and data analysis
- Played a key role in building the App Analyzer AppExchange app to track usage patterns of installed packages and applications, analyze their data impact, and assess application productivity and organizational health through reporting.

Cognizant Technology Solutions, Web Developer

Nov 2017– Apr 2020

- Developed and maintained web applications built on Drupal 7 for a healthcare client, supporting structured content management.
- Supported e-commerce website and internal systems built on Magento 1.7 & CakePHP 3.0

EDUCATION

University of California, San Diego, CA

Sep 2024 – June 2026

M.S in Data Science and Engineering, 3.88 GPA

Birla Institute of Technology, Mesra, JH, India

Aug 2013 – June 2017

B.E in Electrical and Electronics Engineering, 7.8 CGPA, Distinction

CERTIFICATIONS

• Salesforce CPQ Specialist

• Salesforce Certified Platform Developer I

• Salesforce Certified Administrator