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Summary

Experienced Data Scientist with 4+ years of experience at top tech companies, delivering impactful data-driven solutions. Developed ML models that reduced service expenses by \$15,000/quarter in just 18 months at Cisco. Well-informed on the latest machine learning advancements. Translated complex data into easy-to-understand insights and recommendations for non-technical stakeholders. Experience in various industries, such as finance, technology, and education.

Experience



Data Scientist

Cisco

Aug 2022 - Present (1 year 7 months)

- Developed predictive models that resulted in a 15% increase in revenue by accurately forecasting the impact of base price changes on product and service demand.
- Collaborated with cross-functional teams to understand business objectives and identify potential opportunities for data analytics to provide actionable insights.
- Played a key role in developing machine learning algorithms to automate the processing and interpretation of complex data sets, which resulted in a reduction of service expenses by \$15,000/quarter.
- Presented technical findings to non-technical stakeholders, translating complex data into easy-to-understand insights and recommendations.



Data Scientist

Lentra

Nov 2021 - Aug 2022 (10 months)

- Build loan remarks clustering using Latent semantic analysis (LSA) which clusters remarks based on the type of remark.
- Created a classifier model for classifying loan remarks into different sets of remarks using different ML models for Credit Risk Modelling.
- Created a database using PostgreSQL from scratch for storing all the loan details.
- Built financial scorecard using credit risk data and automated it using Dagster.



Data Scientist

CoBot Systems

Aug 2020 - Nov 2021 (1 year 4 months)

- Created a complete pipeline of ETL stages and converted the MART file to a JSON file for making charts.
- Implemented regression for predicting sales and other metrics for different dealers for the current month.

- Partnered with Product Support to identify key platform vulnerabilities, bugs and areas of improvement.



Data Science Intern

Embibe

Jan 2020 - May 2020 (5 months)

- Created data visualisation graphics, translating complex data sets into comprehensive visual representations.
- Made changes to the Next Question Engine (NQE) to give better questions to the user by implementing different schemes.
- Implemented the Bayesian Knowledge Tracing (BKT) model to predict the next question sequence for a user and simulated its outcomes.
- Used contextual bandit for recommendation system using Vowpal Wabbit library.

Education



Nirma University, Ahmedabad, Gujarat, India

Bachelor of Technology - BTech, Information Technology

2016 - 2020

- Coursework in Machine Learning and Deep Learning
- Grade: First class with Distinction
- Elected to Treasurer of the Computer Society of India in 2018.

Om Shanti English Medium school

12th grade, High School/Secondary Diplomas and Certificates

2015 - 2016

- Percentage : 95% (Science)

Licenses & Certifications



Data Science @Cisco Generative AI Green Belt 2024 - Cisco



ONEx Agile Ways of Working - Cisco



Machine Learning : eCornell - Cornell University

Skills

Machine Learning • Python (Programming Language) • Deep Learning • Data Science • Natural Language Processing (NLP) • TensorFlow • Keras • SQL • Scikit-Learn • Data Analysis