Shresht Shetty

Data Scientist

Profile

Data science enthusiast with a strong background in machine learning, AI, and mathematical optimization. Experienced in working with cross-functional teams in insurance, finance, and marketing sectors to deliver high-performing results. Skilled in creating automated workflow pipelines and deploying client models. Proficient in working in fast-paced environments and delivering high-quality logistics optimization models.

Work experience

present
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August 2021

Data Scientist
BlueSky Creations

- Built production scale optimization software for one of Australia's biggest grocery chains.
- Developed conversational chatbots using LLMs and Langchain.
- Implemented CI/CD pipelines and MLOps to build AI tools.
- Automated deployment using Github actions and collaborated with team members using git.

August 2021
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Jan 2020

Research Assistant
The University of Queensland

- Conducted multiple experiments to study the impact of demographics on insurance fraud.
- Used Principal component analysis to identify fraudulent claims from insurance claims.
- Worked through the data science pipeline that included cleaning data, manipulating data, regression analysis and testing.

April 2020
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Jun 2019

Machine Learning Engineer Intern
CRiskCo

- Formed supervised machine learning credit risk models using random forest to identify defaulting companies.
- Worked with cleaning of data and imputation of missing values.
- Used machine learning techniques such as undersampling, oversampling, SMOTE sampling to handle the class imbalance.

June 2019
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March 2019

Data Officer
UQ Business School

- Collaborated with the marketing team to improve the data collection and segmentation process.
- Analyzed and streamlined the data collection process for CRM data.
- Manipulated data in 20+ databases to create a master database to reduce redundancy.

Contact

Email

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🏠 Maroochydore
Sunshine Coast, Australia

Skills

- Machine learning pipeline and ETL
- AI and LLMs
- Mathematical Optimization
- Data Analytics and Data Visualisation
- Workflow automation
- CI/CD pipelines

Languages

Python	Fluent
R	Intermediate
SQL	Intermediate
JAVA	Basic
Tensorflow	Intermediate

Education

2020
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2018

Masters in Data Science
The University of Queensland

2018
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2014

Bachelors in Chemical Engineering
Manipal Institute of Technology