

Manish Seal

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Education

National University of Singapore (NUS)

Aug 2021-May 2025(Expected)

Bachelor of Science with Honors

- Major in Data Science with specialization in operations research
- Relevant modules: Introduction to Data Science, Data Structures and Algorithm in Java

Technical Skills

- Programming Languages: Python, R, Java, PySpark, MySQL
- Office365 tools used: MS teams, MS word, MS PowerPoint
- Data Visualization Software: Matplotlib, Seaborn, ggplot2
- BI tools: Power BI
- Statistical Tools: Excel (formulas, pivot tables, modelling, and statistical testing)
- Machine Learning Techniques: Supervised, Unsupervised Learning, Cross Validation, Ensemble Training, Deep Learning, Time Series Analysis and Market-Basket Analysis
- Machine Learning Frameworks: Scikit-Learn, Tensorflow/Keras

Projects (GitHub)

NUS Artificial Intelligence module project

Sep 2022-Oct 2022

- Guided a team of 4 to create an image classification model for a group project. Was able to display technical aptitude and leadership ability.
- Created a clothing identification system that is useful in retail business context.

New York Taxi trip duration prediction

Jan 2022-March 2022

- Used feature tools to build a regression model for predicting trip duration with 69% accuracy.

German Elections

Sep 2021-Oct 2021

- Created Exploratory Data Analysis (EDA) of German Elections to display the dominant and rising parties in the German elections.

Indian VIX ETF Price

Aug 2021-Sep 2021

- Developed machine learning models using Sci-kit learn to predict Indian VIX ETF price with 67% accuracy.

Work Experience

Sales Assistant (Ikano Pte Ltd.)

Sep 2021-Aug 2022

- Manned information counters with the team leader to fulfill customers' furniture orders.
- Improved sales by 20% within first year.

Customer Service Officer (Cushman and Wakefield's)

Mar 2021-May 2021

- Managed calls in the Essential Maintenance Service Unit (EMSU).
- Provided quick and effective solutions to customers' emergency queries.
- Combined data into a single point and administered corporate webpage.

Additional Information

- **Languages:** English, Bengali and Hindi (Elementary Working Proficiency)