

Mandar Kurade

Jersey City, New Jersey 07307 | kurademandar@gmail.com | 201-356-7901 **LinkedIn:** [linkedin.com/in/mandar-07b744184](https://www.linkedin.com/in/mandar-07b744184)

EDUCATION

Stevens Institute of Technology, School of Business

Master of Science (MS) in Business Intelligence and Analytics | **GPA:** 3.75

Hoboken, NJ

December 2022

Maharashtra Institute of Technology, University of Pune (SPPU)

Bachelor of Engineering in Civil | **Stream:** Civil **GPA:** 3.5

Pune, India

May 2020

Relevant Coursework

Multivariate Data Analysis | Process Optimization and Analysis | Marketing Analysis | BI and Data Analysis | Python Programming | Operating Systems | Data Structures | Object-Oriented Design | Big Data Technologies

TECHNICAL SKILLS

Programming Languages: C, C++, Python, SAS, R **Operating Systems:** Windows, Linux Ubuntu, Mac

Software: Proficiency in MS Office Programs (Excel, Word, PowerPoint etc.) **Databases:** MySQL, SQL

ACADEMIC PROJECTS

Multivariate Data Analysis using SAS

May 2021

- Collaborated in team of four to design a model predicting patient's survival by key features
- Analyzed using Logical Regression, implemented descriptive analysis; model defined with 94% accuracy
- Learnt about variability in analysis, created dummy variables helped in digestibility of dataset and Logical regression to model binary data

Optimization and Process Analytics

April, 2021

- Developed a statistical model for project to predict right targets for portfolio of products of a major technology conglomerate. Built a model in Microsoft Excel Data Solver to draw out NFL scheduling
 - Conducted data analysis functions VLOOKUP, CONCATENATE, gained hands on experience in Excel
- Assistance in building a regression model to identify key drivers of price and prepared a scenario generator tool **Tools:** R, Excel

EXPERIENCE

Malhotra Construction (Delhi, India)

July 2019 – January 2019

Site Analyst

- Trained, managed, and improvised on-site logistics; led a team for executional purposes; used Microsoft Excel Data Solver to plan a construction phase
- Utilized advanced Excel VBA programming to design and chance to learn custom macros to assist in analysis of large mortgage datasets. Forecasted requirements for upcoming quarters; optimized inventory and costs by ~30%

Social Sync (New Delhi, India)

July 2018 – December 2017

Data Engineer Intern

- Utilized distributed systems and built data pipelines (Python, SQL, Hadoop, Hive) to determine product impacts on different marketing channels and proposed solutions to drive impact for intensive analyses
- Used big data technology tools to interact with Hadoop data lake for data transforming. Directed ETL on disparate data sources like online transactional data, web services data, payments, order history to provide customer insights
- Data visualization: Authored dynamic reporting dashboards using Tableau, JMP, and SQL to track defects and functioning of products. Data Analysis: Performed statistical analysis and communicated data driven actionable insights derived for product excellence teams to reduce issues per product by 4%
- Assessed Data Maturity: Designed an analytical roadmap identifying key business problems could be solved using existing datasets and based on cost, effort, and impact metrics; developed design specifications and defined quality assurance analysis to translate third party external data system files into proprietary software system for clients