



# Aditya Jadhav

## Associate

Proficient in organising, interpreting and communicating market data to facilitate the decision making process. Capable of conducting primary research, financial analysis and data analysis.

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📅 30 January, 1994

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## SKILLS

Problem Solving

Critical Thinking

Time Management

Risk Management

Derivatives

Corporate finance

Financial analysis

Data Science

Machine Learning

Predictive Modeling

Exploratory Data Analysis

## TECHNICAL SKILLS

### Languages

Python, R, SQL, Git

### Analytical Tools

Tableau, Excel

### Frameworks

Apache Spark

### Libraries

Pandas, Matplotlib, NumPy, scikit-learn, pyspark, TensorFlow

## WORK EXPERIENCE

### Deputy Manager - Business intelligence

Ambit Finvest Private Limited

07/2019 – Present

#### Tasks

- build Credit risk modelling with python to understand the credit risk of a borrower.
- the loan default likelihood which may allow investors to avoid loan defaults thus limiting the risk of their investments.
- used feature selection techniques to discover the features that are most indicative in default loan prediction.
- build a learning model using Data Mining techniques and Machine Learning algorithms, which helps predicting new borrowers that would likely to default their loans
- used Spark SQL to analyse bureau data and found the correlation between variables.

### Associate

SS&C GlobeOp Financial Services

07/2018 – 12/2018

#### Tasks

- Provided daily oversight and took responsibility to resolve any escalated issues related to trade bookings, reconciliation and collateral working with the team globally
- Interacted with client, custodians and prime brokers to resolve the discrepancies with respect to products like Equity, Bonds, Options & Futures
- Ensured completion of audit as per agreed timeline. Handling audit queries in timely manner.
- Consistently engaged with the clients, interpret their requirements while managing the communication flow throughout
- Identified potential issues related to trade, and escalated to the appropriate parties, both internal and external, in a timely manner.
- Identified processes or other areas in need of improvement, and work with technologies and other relevant parties to develop, test and execute the necessary changes and participated in ad-hoc projects.

## WORK EXPERIENCE

### Summer Intern

#### Firstcall Investment Banking

04/2017 – 06/2017

##### Tasks

- Done an extensive research on how mergers and acquisitions (M&A) decisions are made
- Applied time series analysis on data in order to extract meaningful statistics and other characteristics of the data.
- Understood the differentiation between cash and stock financed mergers
- Understood how to use EVA for performance evaluation
- Understood the concept of synergies in mergers and acquisitions
- Learnt how companies finance merger and acquisition decision, including leverage buyouts, and how to incorporate large changes in standard valuation models.

## EDUCATION

### Masters of Management Studies

#### Sydenham Institute of Management Studies, Research and Entrepreneurship Education

2016 – 2018

7.73/10

##### Finance

- Financial Markets & Institutions
- Wealth Management
- Security Analysis and Portfolio Management
- Strategic management

### Bachelor of Science

#### Fergusson College, Pune

2012 – 2015

65%

##### Electronic Science

- Electronics
- Mathematics

## CERTIFICATES

#### Completed IBM Data Science Professional Certificate on Coursera

*Machine Learning with Python | Data Visualization with Python | Data Analysis with Python | Databases and SQL for Data Science | Python for Data Science | Applied Data Science Capstone*

Completed Python and Statistics for Financial Analysis course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Completed Problem Solving with Excel by PwC

Completed Data Visualization with Advanced Excel by PwC

Completed Portfolio and Risk Management by University of Geneva on Coursera

Completed Distributed Computing with Spark SQL by University of California, Davis

Completed Statistics with R Specialization by Duke University

Google IT Automation with Python by Google

## PROJECTS

#### Build machine learning models to predict the probability of a loan default on LendingClub Data

- predicting the loan default likelihood which may allow investors to avoid loan defaults thus limiting the risk of their investments.
- used feature selection techniques to discover the features that are most indicative in default loan prediction
- run the exploratory data analysis to find the business insights from loan data
- build a learning model using Data Mining techniques and Machine Learning algorithms, which helps predicting new borrowers that would likely to default

#### Preliminary analysis of 'forces of demand and supply'

- Market forces are the factors that influence the price and availability of goods and services in a market economy
- Due to changes in extraneous factors and how these could be caused by radical alterations the policies or amendment in government policies or change in the mind set of people at large