

# Aditya Kulkarni

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## EDUCATION

### STEVENS INSTITUTE OF TECHNOLOGY

MS in Data Science  
Sep 2022 - May 2024 | Hoboken, NJ

### MIT WORLD PEACE UNIVERSITY

M.Sc in Big Data Analytics  
Sep 2018 - Apr 2020 | Pune, India  
GPA: 3.46/4.0

### SINHGAD COLLEGE OF SCIENCE

B.Sc in Computer Science  
June 2015 - Apr 2018 | Pune, India  
Percent : 69/100

## LINKS

Github:// kulkarniaditya1002  
Twitter:// adityak6835

## COURSEWORK

### GRADUATE, MS

Mathematics for data science  
Statistics for data science  
Machine learning  
NLP, Deep learning foundational

### GRADUATE, M.Sc

Big data fundamentals  
Hadoop, Spark, HDFS  
Mathematics and Statistics  
Practical programming with R, Python  
High performance computing  
MATLAB, Data Visualization.

## SKILLS

### Programming

Languages: R (Experience), Python (Experience), C++.

Tools: R studio, Jupyter, Databricks notebook, Snowflake Database, MySQL, Git, Ubuntu, Docker, Windows, Sentry.

Libraries: pandas, ggplot2, forecast, SciKit-Learn, matplotlib, Pandas, SQLAlchemy, pyspark, mlr, tseries, numpy.

Technologies : SQL, Spark, AWS (Lambda, Kinesis firehose, Glue, DMS, S3), Serverless framework, Django.

## OTHERS

Teaching, Public speaking, Cricket.

## EXPERIENCE

### 2 Years

**INTELIMENT TECHNOLOGIES** | Software Engineer | *Python, AWS, Snowflake, Spark.*

July 2021- April 2022 | Pune, India

- Reengineered legacy python scripts in Databricks notebook to reduce the execution time from 25 minutes to 10 minutes using SQLAlchemy, to build the profitability matrix for the client's product performance in the market.
- Wrote data retrieval query in AWS Lambda connected with snowflake db, reduced workload by 50% compared to the old process.

**INTELIMENT TECHNOLOGIES** | Associate Software Engineer | *Python, C++, docker, git, shell.*  
Sep 2020 - June 2021 | Pune, India

- Designed and implemented a data flow framework for an IIoT application to reduce the loss in the data collection from 20% to 7%.
- Automated the application deployments using docker and Jenkins to reduce the manual efforts by 20 times.

**INTELIMENT TECHNOLOGIES** | Project trainee - Intern | *Python, Machine learning, NLP.*  
Nov 2019 - Sep 2020 | Pune, India

- Worked in L&D team, up-skilled 25+ undergraduate students on data science.
- Developed python scripts for PoC work which was analyzing 70k(70k rows,8 Cols) customer reviews using nltk, sklearn, Pandas for sentiment classification to estimate performance of the product distributors.

## Projects:

**WEEKLY COVID-19 CASES FORECAST** | *R, Statistics.*  
Ongoing

- Performing statistical analysis and using model time series models for forecasting the possible cases for the upcoming week of the month.
- Link : <https://www.kaggle.com/code/kulkarniadi/kaggle-covid19-week5-arima>.

**ANALYSIS AND PREDICTIONS OF CUSTOMER BEHAVIOR** | *Python, machine learning.*

- The customer data(7043 customers and 20 features) belonged to telecom company, performed detailed statistical analysis.
- Implemented machine learning algorithms, and got 83% accuracy with logistic regression.
- Link : Customer\_churn\_prediction\_notebook.