Aditya Kulkarni

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LinkedIn - kadityap

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
CGPA: 8.35/10.0

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, Snowflake DB, MySQL, Git, Ubuntu, Docker, Windows.

Libraries: pandas, ggplot2, forecast, SciKit-Learn, matplotlib, SQLAlchemy, numpy.

Technologies : SQL, MATLAB Spark, AWS Lambda, 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 errors till 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.