

# Pranesh Mukhopadhyay

Kolkata, India

✉ pranesh.mukhopadhyay@outlook.com 📞 (+91) 96747-70912

📧 @praneshmukhopadhyay • 🐙 @Mukhopadhyay • 🏠 mukhopadhyay.github.io • 🌐 @praneshmukhopadhyay

## Skills

**Programming Languages:** Python • C • C++ • JavaScript • R

**Frameworks & libraries:** TensorFlow • PyTorch • Keras • Numpy • Pandas • Matplotlib • Plotly • OpenCV • Flask • FastAPI • PyTest • AioHTTP

**Databases:** Extensive experience with MS SQL Server, PostgreSQL etc • NoSQL experience with MongoDB

**Tools:** Git • Docker • AWS EC2, S3, CloudWatch • Azure Blob Storage, ADX etc •  $\LaTeX$

## Education

**St. Xavier's College**

**Kolkata, WB**

*Masters in Computer Science (MSc)* – University of Calcutta – 3.98 GPA

2018–2020

**Coursework:** Data Structures/Algorithms, Artificial Intelligence, Database Management Systems, etc.

**Activities:** Voyager Consulting, Debate Society of Berkeley, Computer Science Mentors, Daily Californian, UPE

**Asutosh College**

**Kolkata, WB**

*Bachelors in Computer Science (BSc)* – University of Calcutta – 3.98 GPA

2014–2018

**Coursework:** Data Structures/Algorithms, Computer Architecture, Computer Graphics, etc.

## Experience

**Spiritzone**

**Navi Mumbai, MH**

*Consultant - Data Engineering*

Dec 2021–Present

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s,

- **Product Search API** Python, Numpy, Pandas, Flask, Uvicorn, Pytest
  - It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.
- **Order Assignment System** Python, Numpy, Pandas, FastAPI, Scikit-Learn
  - It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.
- **Order ETA prediction API** Python, Numpy, Pandas, FastAPI, Scikit-Learn
  - It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.

**Quosphere Infosolutions Pvt. Ltd.**

**Navi Mumbai, MH**

*Junior Data Scientist*

July 2020–Nov 2021

Est ipsam totam cumque neque autem laudantium consequatur et. Voluptas sint et provident eos fugit distinctio. Quos laborum error sint enim nihil consequatur. Blanditiis illo impedit quam ab saepe et assumenda quod

- **Product Recommender System** Python, Numpy, Pandas, Flask, Uvicorn, Pytest
  - It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.
- **Marker Basket Analysis** Python, Apriori Algorithm, FPGrowth algorithm, Numpy, FastAPI, Pytest
  - Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)
- **Data Ingestion Pipeline** Python, Apriori Algorithm, FPGrowth algorithm, Numpy, FastAPI, Pytest
  - Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

## Projects


**RestDF**

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression  
📄 [github.com/Mukhopadhyay/restdf](https://github.com/Mukhopadhyay/restdf)

## **YouTubers Saying Things Dataset**

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
  - Published article detailing the relationship between political affiliation and COVID-19 via multiple regression
-  [github.com/Mukhopadhyay/restdf](https://github.com/Mukhopadhyay/restdf)

## **Certifications**

---

### **Machine Learning - Stanford University**

Dec 2019–Apr 2021

**Course instructor:** Prof. Andrew Ng • **Platform:** Coursera

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

### **Data Science Math Skills - Duke University**

Dec 2019–Apr 2021

**Course instructors:** Prof. Daniel Egger • Prof. Paul Bendich • **Platform:** Coursera

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression