

Sourav Mandal

Data Scientist



📍 Rajbagan Chakdaha Nadia West Bengal,
741222 Chakdaha, India

✉ mandal.srv1998@gmail.com

☎ 08618241725 📅 27/11/1998 🇮🇳 Indian

🔒 Unmarried

🌐 www.linkedin.com/in/sourav-mandal-390064210

🔗 <https://github.com/Sourav9827>

Education

Bachelor in Education (B.Ed), W.B.U.T.T.E.P.A
09/2021 – present | Santipur, India

M.Sc Mathematics(Pure),
University Of Kalyani
08/2019 – 08/2021 | Kalyani, India

B.Sc (Hons.) Mathematics,
University Of Kalyani
07/2016 – 07/2019 | Kalyani, India

Certificates

Data Analytics Consulting Virtual Internship(KPMG)
Data Quality Assessment
Data Insights
Data Insights and Presentation
May 8th, 2021

Data@ANZ Program
Exploratory Data Analysis
Predictive Analytics
May 13th, 2021

Professional Experience

Mentor of NH Mapping, Highway Delite
02/2022 – present | Work from home, India
Monitor the work of interns under me, give training and work on the backend maintenance of the website.

Teacher(Mathematics), Self Employed
2017 – present | Chakdaha, India
I am a private tutor in mathematics and teach mathematics to students of class XI and above, and science and mathematics to students from class VIII to X.

Data Analyst Intern, The Sparks Foundation
08/2021 – 09/2021 | Work from home, India

Projects

Algerian Forest fire prediction, Data Science Regression and Classification Project using Python
06/2022 – 06/2022

In this project, there is an Algerian forest fire dataset (from the UCI repository), and using this, I have done EDA on it and then made two models for predicting temperature and whether there will be fire or not for a given instance. I had tried with many ML algorithms but finally got good accuracies with Random forest for both Regression and Classification task. I created a web app for this using flask and deployed it using Heroku(<https://algerian-forest-fire-predict.herokuapp.com/>).

Review Scraper,
Flipkart Review Scraper Using Flask
03/2022 – 04/2022

This project is built in Python using the Flask API framework and deployed using the Heroku (<https://reviewscraperflipkart1998.herokuapp.com/>). Here you have to give the name of the product for which you want to retrieve reviews, and this app will directly retrieve the first 10 reviews from Flipkart.

Languages

English	● ● ● ● ●
Hindi	● ● ● ● ●
Bengali	● ● ● ● ●

Courses

Introduction to R Software, NPTEL
09/2020 – 11/2022

Learning Analytics Tools, NPTEL
07/2021 – 10/2021

Probability for Computer Science, NPTEL
07/2021 – 10/2021

Introduction to Machine Learning, NPTEL
07/2021 – 09/2021

Introduction to Machine Learning,
Duke University(Coursera)
04/2021 – 05/2021

Data Analytics with Python, NPTEL
01/2021 – 04/2021

Data Science for Engineers, NPTEL
01/2021 – 03/2021

Programming, Data Structures And Algorithms Using Python, NPTEL
09/2020 – 11/2020

Introduction to R Software, NPTEL
09/2020 – 11/2020

Python for Data Science, NPTEL
09/2020 – 10/2020

Puppy adoption site,
Puppy Adoption Site using Flask
03/2022 – 04/2022

This is a website hosted by Heroku (<https://puppy-adoption-site.herokuapp.com/>) where you can give the name and owner of the puppy that is available to be adopted. Also on this site, you can add, delete, or view the list of puppies that are available for adoption. This data is stored using sqlite and the whole project is written in Python.

Image Scrapper,
Google Image Scrapper using Flask
03/2022 – 04/2022

In this app, we have to give the name of the item for which we want the images. It will fetch all the images from the Google web site and store them on your local system. This app is written in Python and deployed on a local system using the Flask API Framework.

Skills

Python (Pandas, Numpy, Matplotlib, Seaborn, Flask, Plotly, Dash, Sklearn etc.),

R Software (ggplot2, dplyr, plotly kniter, data.table, mlr3 etc.),

Tableau (Data Visualization, Analytics, Dashboards etc.),

Power BI (DAX, Data Visualization, Dashboarding etc.),

Databases (MySQL, sqllite3, integration of Python with SQL, MongoDB atlas and cassandra etc.),

Team Leader (I lead a group of interns under me, monitor their work and as a team we solve various task in my present company.)

Declaration

I hereby declare that all the information furnished above is correct to the best of my belief. I am responsible for the authenticity of all the information.

Sourav Mandal
Nadia, 21/04/2022