

Sourav Mandal *Data Scientist*

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📅 27/11/1998

👤 Unmarried

🔗 <https://github.com/Sourav9827>



🎓 EDUCATION

09/2021 – present Santipur, India	Bachelor in Education (B.Ed) , <i>W.B.U.T.T.E.P.A</i>
08/2019 – 08/2021 Kalyani, India	M.Sc Mathematics(Pure) , <i>University Of Kalyani</i>
07/2016 – 07/2019 Kalyani, India	B.Sc (Hons.) Mathematics , <i>University Of Kalyani</i>

👛 PROFESSIONAL EXPERIENCE

02/2022 – present Work from home, India	Mentor of NH Mapping , <i>Highway Delite</i> Monitor the work of interns under me, give training and work on the backend maintenance of the website.
2017 – present Chakdaha, India	Teacher(Mathematics) , <i>Self Employed</i> 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.
08/2021 – 09/2021 Work from home, India	Data Analyst Intern , <i>The Sparks Foundation</i>

📁 PROJECTS

07/2022 – present	Stores Sales Prediction , <i>Big mart Stores Sales Prediction</i>
06/2022 – 07/2022	California Housing Price Estimation , <i>California Housing Price Estimation using python (POC)</i> Predicting median house prices in California. https://mlprojectsourav.herokuapp.com/
06/2022 – 06/2022	Algerian Forest fire prediction , <i>Data Science Regression and Classification Project using Python(POC)</i> 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/).
06/2022 – 06/2022	Adventure Works Reports , <i>Adventure Works Sales Reports using Power BI (POC)</i> Adventure Works Cycles needs a way to track KPIs (sales, revenue, profit, returns), compare regional performance, analyze product level trends and forecasts, and identify high value customers. All I've been given is a folder of raw csv files, containing information about transactions, returns, products, customers and territories. https://app.powerbi.com/reportEmbed?reportId=ae817da0-dea5-4ae0-b000-c6e54667f4c3&autoAuth=true&ctid=5a5143e6-ba1e-48e5-9f1a-a400147112d8
03/2022 – 04/2022	Puppy adoption site , <i>Puppy Adoption Site using Flask (POC)</i> 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.
03/2022 – 04/2022	Review Scraper , <i>Flipkart Review Scraper Using Flask</i> 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.
03/2022 – 04/2022	Image Scraper , <i>Google Image Scraper using Flask</i> 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.

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*)

SKILLS

Python <i>Pandas, Numpy, Matplotlib, Seaborn, Flask, Plotly, Dash, Sklearn etc.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>	R Software <i>ggplot2, dplyr, plotly kniter, data.table, mlr3 etc.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>
Tableau <i>Data Visualization, Analytics, Dashboards etc.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>	Power BI <i>DAX, Data Visualization, Dashboarding etc.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>
Databases <i>MySql, sqllite3, integration of Python with SQL, Mongoddb atlas and cassandra etc.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>	Team Leader <i>I lead a group of interns under me, monitor their work and as a team we solve various task in my present company.</i>	<div><div></div><div></div><div></div><div></div><div></div></div>
HTML/CSS <i>Flask and django api frameworks</i>	<div><div></div><div></div><div></div><div></div><div></div></div>		

LANGUAGES

English

Hindi

Bengali

COURSES

09/2020 – 11/2022	Introduction to R Software, NPTEL
07/2021 – 10/2021	Learning Analytics Tools, NPTEL
07/2021 – 10/2021	Probability for Computer Science, NPTEL
07/2021 – 09/2021	Introduction to Machine Learning, NPTEL
04/2021 – 05/2021	Introduction to Machine Learning, Duke University(Coursera)
01/2021 – 04/2021	Data Analytics with Python, NPTEL
01/2021 – 03/2021	Data Science for Engineers, NPTEL
09/2020 – 11/2020	Programming, Data Structures And Algorithms Using Python, NPTEL
09/2020 – 11/2020	Introduction to R Software, NPTEL
09/2020 – 10/2020	Python for Data Science, NPTEL

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