Sourav Mandal *Data Scientist*

Rajbagan Chakdaha Nadia West Bengal, 741222 Chakdaha, India ✉ mandal.srv1998@gmail.com

📞 08618241725   📅 27/11/1998   🚩 Indian   ⚭ Unmarried

in www.linkedin.com/in/sourav-mandal-390064210   ⬛ https://github.com/Sourav9827

✈ https://sites.google.com/view/sourav9827

🧠 SKILLS

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

Power BI
DAX, Data Visualization, Dashboarding etc. ● ● ● ● ●

Tableau
Data Visualization, Analytics, Dashboards etc. ● ● ● ● ●

Databases
SQL and Mongo DB. ● ● ● ● ●

MS-Office
Excel, Power point, Word, Access. ● ● ● ● ●

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. ● ● ● ● ●

HTML/CSS
Flask and django api frameworks ● ● ● ● ○

R Software
ggplot2, dplyr, plotly kniter, data.table, mlr3 etc. ● ● ● ○ ○

💼 PROFESSIONAL EXPERIENCE

02/2022 – present
Work from home, India

Mentor of NH Mapping, *Highway Delite*
Monitor the work of interns under me, give training and work on the backend maintenance of the website.

2017 – present
Chakdaha, India

Teacher(Mathematics), *Self Employed*
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, *The Sparks Foundation*

📂 PROJECTS

07/2022 – present

Stores Sales Prediction, *Big mart Stores Sales Prediction*

06/2022 – 07/2022

California Housing Price Estimation, *California Housing Price Estimation using python.* (*POC*) ⧉
Predicting median house prices in California. A full data science project using MLOps pipeline.

06/2022 – 06/2022

Algerian Forest fire prediction, *Data Science Regression and Classification Project using Python* (*POC*) ⧉
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 hade 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.

06/2022 – 06/2022

Adventure Works Reports, *Adventure Works Sales Reports using Power BI* (*POC*)
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, *Puppy Adoption Site using Flask* (*POC*) ⧉
This is a website hosted by Heroku 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 and Image Scrapper, *Flipkart Review Scrapper Using Flask* ⧉
This project is built in Python using the Flask API framework and deployed using the Heroku. 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 Scrapper,** *Google Image Scrapper using Flask*
	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.

🎓 EDUCATION

09/2021 – present Santipur, India	**Bachelor in Education (B.Ed),** *W.B.U.T.T.E.P.A*
02/2021 – 02/2022 Chakdaha, India	**Diploma in Information Technology,** *Nehru Yuva Computer Shiksha Kendra*
08/2019 – 08/2021 Kalyani, India	**M.Sc Mathematics(Pure),** *University Of Kalyani*
07/2016 – 07/2019 Kalyani, India	**B.Sc (Hons.) Mathematics,** *University Of Kalyani*
11/2021 – present	**Full Stack Data Science program,** *ineuron.ai* ⧉ *Data Scince and Analytics, Machine Learning, Deep Learning etc.*

📇 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)

🌐 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