

Portfolio Website: <https://sachinmishraportfolio.streamlit.app/>

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Analytical and solution-oriented background, with great people skills and structured problem-solving capabilities & more than 2.5 years of experience in IT and 2 years experience in Data Science. Organized with the ability to manage multiple workloads and consistently meet deadlines.

Skills

- Programming** : Python, C, R/Rstudio, SQL
- Visualization** : Tableau, Power BI, Seaborn, Plottly, Matplotlib, Tableau Prepflow-builder, Excel
- Database** : MySQL, MongoDB
- Technologies** : Machine Learning, Data Science, Docker, AWS, Azure (Basics), GCP, Deep Learning, NLP(Basics), Computer Vision(Basics), Large language models such as RoBERTa, GPT-3, Dalle and many more
- Frameworks** : Streamlit, Flask, Langchain
- Competency** : Communication – YouTube Channel ([Loc Data - YouTube](#)), Teaching/Mentoring

Certification and Awards

- **Full Stack Data Science** – Ineuron.ai, **Data Analysis with Python**
- **Python for Data Science and AI** – IBM Developer Skills Network.
- **Python Data Structures** - University of Michigan

Experience

Data Society - Data Scientist (Jul 2022 – Current)

- Creation of **supervised and Unsupervised ML models** and deploying it on cloud based upon requirements. Day to day activity includes cleaning and analyzing marketing data for better insight.
- Creation of ML courses for corporate employees in Data science field.
- Worked on Project of **Tableau Dashboards** for North-carolina government which I used **tableau prep flow builder** for creating dataflows and finally build the dashboard for the same.
Link : <https://dashboards.ncdhhs.gov/#/site/DCDEE/projects/125>

Digikull - Data Analyst/Scientist Mentor (June 2022 – Current)

- Day to day task involve : a) Conducting lectures for Python, Statistics, & Machine Learning
- Conducting mock interviews for students & rate them based upon their performance

Ineuron.ai – Data Science Intern (Feb 2022 - Oct 2022)

- Completed generic training in **MySQL, Python, Statistics, Tableau, and Machine Learning.**
- Cleaned and formatted Big Mart Sales data with over 8524 rows and 12 columns and made it ready for analysis.
- Developed interactive dashboards to visualize Key Performance Indicators (KPIs) and provided business recommendations.
- Build and Compare different Machine Learning Models such as **Linear Regression, Lasso Regression, SVM, and Random Forest** to Predict Sales of the different stores of Big Mart

Tata Consultancy Services Ltd - SAP Analyst (Jul 2021 - Jul 2022)

- Day to day creating and maintaining Clients data in SAP hana database in Production, Development and Quality System.
- Prepared various BI dashboards in **Tableau** for month on month for different incidents, tasks and change request reported. This work improved the tracking of different task assigned to the different teams and reduced the SLA.
- Worked closely with the engineering and business team using **scrum/agile** methodology
- Creating SAP BI objects, Providing necessary roles and authorizations to clients and monitoring process chains.

Projects

Sports Celebrity and Data Scientist's Image Classification - [Github Link](#) , [Docker Image](#)

- Developed a Classifier using **Haar-cascade and Wavelet Transform** to classify different sports personssuch as Maria Sarapova , Virat Kohli , Serena Williams, Roger Federer and Lionel Messi.
- Extracted face region from the images and labeled them for feature extraction using OpenCV in ScikitLearn.
- Compared SVM, Random Forest and Logistic Regression to compare the results. Finally I choose **SVM**for better results and predicted results with **84.13% accuracy**.

Pet-Image Classification using CNN - [Docker Image](#) , [Github](#)

- Cleaned Images for pets (Dog/Cat) and prepared data for building a CNN model.
- Written a production grade code for building a **Convolutional neural network(CNN)** using transfer learning approach on pretrained **VGG-16 model**.
- Achieved accuracy of 94%, containerized the service and created model version tracking using **mlflow**.

Python Pypi Package - [Package Link](#)

- Created well tested **python pypi package and published on pypi** official page.
- This package is available for **MAC-OS** and for **Windows & Linux** still it is in developing phase.
- This package tries to record time spent on each & every platform & then creates analytics based upon those platform and time spent on those platforms.

NLP Emotion Detection - [API Link](#)

- Trained an NLP Emotion detection model, which can detect what kind of emotion is present in a sentence.
- Achieved accuracy of 84%, containerized the service and created model version tracking using **mlflow**.
- Deployed (Hosted) on **AWS,Azure and Streamlit-community cloud**.

Atliq Hardware Sales/Profit Dashboard - [Github Link](#)

- Developed Sales and Profit dashboard for Atliq hardware in tableau
- Cleaned 10,000 rows of the sales transaction table and performed some basic data munging.
- Connected tableau to mysql real-time database so that new records can be updated in the dashboardautomatically.

Aadhar Card Masking & Information Retrivel - [Github Link](#)

- Written a python Module which takes Aadhar card images as input and gives all the neccessaary info (Name, Age, Gender, Aadhar Card number, Address) and masked version of Aadhar card.
- For Masking and extracting all the info from from Aadhar card is done by **easyOCR** and **Open-CV** library.

Education

Thakur College of Engineering & Technology, Mumbai, Maharashtra (Jul 2017 - Jun 2021)

- BACHELOR OF ENGINEERING, Electronics and Telecommunication - CGPA - 9.04/10
- Related Courses: Signals & Systems, Discrete Time Signal Processing, Image Processing and Machine Vision, Database Management System.

T.P Bhatia College of Science, Mumbai, Maharashtra (Jul 2015 - May 2017)

- H.S.C, Science; Physics, Math, Chemistry and Electronics - 75.07%
- Related Courses: Electronics, Statistics & Maths, Microprocessors and Controllers

Sheth N.L High School, Mumbai, Maharashtra (Mar 2015)

- S.S.C - 89.00%
- Related Courses: Python Programming- (Basics), HTML- (Basics)