



Dhirendra Srivastava

Data Scientist

Data Science Enthusiast, Trainer, and Mathematics Teacher Exploring the World of Data Science and Analytics which best suits my Mathematical and logical Reasoning ability, Creative-Thinking and Problem-Solving Capabilities

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📍 Navi-Mumbai, India

🌐 linkedin.com/in/dhirendra-srivastava-54481615a

📞 9869681417

📄 dhirendrasrivastav007.github.io/Dhirendra-Srivastava-Portfolio/

🔗 github.com/DhirendraSrivastav007/Data-Science-Projects

🎓 EDUCATION

PGP In Data Science Purdue Univeristy

11/2020 - 11/2021

USA

Bachelor in Computer Science University of Mumbai

05/2016 - 05/2019

India

GPA : - 9.10

- Received 100% For my academic project in Android
- I Created an app using Android Studio and Google Firebase
- it helps manage your expenses by keeping track and record of your finances and shows inferences through graphs and charts

👨‍🏫 TEACHING EXPERIENCE

Mathematics Teacher Tutoratti

02/2020 - Present

India

Tasks

- Mathematics Trainer for 10-12 th grade.
- I follow the " What, Why and What If " approach of teaching, I believe making clear the concepts to students is much better than just introducing them to mathematical formulas and rules, generalization comes after the discovery and invention.
- As Richard Feynman Said , " If you want to master something, teach it !

Contact : Owais Kapadia (Founder & CEO) - +91 8169489813

Data Science Trainer Freelance

06/2021 - Present

India

Achievements/Tasks

- Data Science Trainer For Master's in AI student of Texas Dallas University
- Teaching Everything that's required for Learning ML : Stats, calculus, linear algebra, Python and Algorithm Business use-cases with Mathematical Intuitions
- Students Secured 100% in their ML Course

Contact : Narendra Kovi - +1 5126114043

🔧 TECHNICAL SKILLS

Programming

Python , R, mySQL

Cloud

GCP, Heroku, Microsoft Azure

WEB

FLASK , HTML, CSS, Bootstrap, Javascript

Data Science

Machine Learning, Deep Learning, NLP, Time Series, Recommendation Systems, Clustering, Exploratory Data Analysis, Tableau

💡 SOFT SKILLS

Critical thinking

Effective communication

Proactive problem solving

Business sense

Team Work

Fast Learner

Trainer

📄 CERTIFICATES

IBM Certified Accelerated Deep Learning with GPU (01/2021)

IBM Certified Python 101 for Data Science (05/2021)

IBM Certified R Programmer For Data Science (01/2021)

Purdue University - PGP in Data Science



PERSONAL DATA SCIENCE PROJECTS

House Price Prediction

- The main objective of this Project is to Test my Exploratory Data Analytics Skills, To Explore Advanced Encoding Techniques based on Data And Model (Creative Feature Engineering), to Test Various Regression Algorithm Based on Strategy devised from EDA(Advanced Ensemble Regression Models).
- To Work on End to End Data Science Life cycle till Deployment(Deployment on Cloud PaaS via Flask API).
- Best Model Achieves **R-squared of 90.28 % and RMSE of 22162.674370.**
- **More Details :-** [Data-Science-Projects/House Price Prediction at master · DhirendraSrivastav007/Data-Science-Projects \(github.com\)](#)
- **Deployed Project :-** <https://house-price-prediction-dploy.herokuapp.com/>

Diabetes Prediction

- The main objective of this Project is to Explore Various **Metrics in Classification** Problem Statement, To Test Various Classification Algorithm Based on Strategy Devised from EDA
- To Work on **End to End Data Science Life cycle till Deployment**(Deployment on Google Cloud Platform via Flask API)
- Best Performing Model In terms of **F1-Score of 72.03% is LGBM**, Because it has Ability to Deal with **Imbalanced Data** Set Better than any Model
- **More Details :-** [Data-Science-Projects/Healthcare - Diabetes at master · DhirendraSrivastav007/Data-Science-Projects \(github.com\)](#)
- **Deployed Project :-** <https://diabetes-prediction-333614.el.r.appspot.com/>

Wikipedia Comments Toxicity Classification

- The main objective of this Project is to Explore Basic Natural Language Processing Using Machine Learning
- To Deploy model On Cloud With Model Re-trainability Feature , so That the model Doesn't degrade with time and new data (Model Drift)
- The model has **F1- score of 62% predicting Toxic Comments** and **98% In Predicting Non-Toxic, due to data imbalances**, its **continuous learning** will improve the accuracy further!
- **More Details :-** [Data-Science-Projects/NLP- Wikipedia Toxicity at master · DhirendraSrivastav007/Data-Science-Projects \(github.com\)](#)
- **Deployed Project :-** <https://wikipedia-toxicity.el.r.appspot.com/>



ACHIEVEMENTS

Secured 9th rank out of 10,119 entries in Tabular Competition September 2021
Kaggle (09/2021)

Advanced Machine Learning Competition to test ML skills and ability to work with large data Sets



REFERENCES

Rajachandra Pupori (Materials Mgmt & Information Systems Project Lead at Northwell Health)

"Batchmate and Client"

Contact : rajaap9@gmail.com - +1 269-290-4936

Mahesh Chava (Master's of AI Student at Texas Dallas University)

"Client"

Contact : chava.maheshbhadra@gmail.com - +1 945-444-6059

Amitendra Srivastava

"Data science Trainer"

Contact : +91 7093278031



VOLUNTEER EXPERIENCE

Data Science and Business Analyst Intern The Sparks Foundation

07/2021 - 08/2021

India

Tasks/Achievements

- Exploring different use cases of Data Science Projects
- Learning Story Telling and Presentation of an AI Solution
- Supporting fellow Team mates on their tasks and solving their queries

Software Engineering Virtual Internship JP Morgan Chase

07/2021 - 08/2021

India

Tasks/Achievements

- Create Web Application with Integrated Third Party API's
- Managing the Project via git commands for version control and team communications
- Deployment of Project on PaaS Cloud Services



LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Marathi

Professional Working Proficiency