Sonali Tavlare Pachghare

Data Analyst/ Data Scientist

Data Science Professional and a motivated individual with capability to support a professional team to solve business problems.

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📍 Ravet, Pune, India   📅 16 August, 1985

in linkedin.com/in/sonali-tavlare   github.com/sonalitavlare

WORK EXPERIENCE

Data Analyst Trainee
Imarticus Institute

03/2020 - Present

Achievements/Tasks
- Collecting and analyzing data to help organizations make informed decisions
- Interpret the raw data and identify any patterns
- Perform EDA on data

Technical Trainer
SNDT women's university, Technical Institute

07/2015 - 07/2019   *Mumbai*

Technical Trainer
Mumbai University Technical Institute

07/2014 - 06/2015   *Mumbai*

Technical Trainer
S.G.B. Amravati University

01/2019 - 06/2013   *Amravati*

CERTIFICATES

● Data Science ProDegree (03/2020 - 01/2021)
Completed Data Science Prodegree course from Imarticus Learning Institute

● Machine Learning Certification course
Completed Machine Learning Certification course on Analytics vidhya

● Emerging trends in Artificial Neural Network with MATLAB, VLSI implementation of Discrete Wavelet Transform (12/2012)
Short term training program, Paper Published on IJCAETS, IJRRCS , IJERIA

EDUCATION

Certification course in Data Science
Imarticus Learning Institute

03/2020 - Present

Courses
- Studied mathematical foundations of Machine Learning and Data Science.
- Projects handled on Various modeling techniques.
- In-class projects on real world applications of Data Science.

Master of Engineering
Sipna College of Engineering

06/2009 - 02/2012   *Amravati*

SKILLS

Data Science   Machine learning   Python   R programming   Statistics   MySQL   Tableau   Pandas   Numpy   Matplotlib   Seaborn

VOLUNTEER EXPERIENCE

HR Employee Attrition
Organization

Tasks/Achievements
- The objective was to identify factors influencing attrition and find out the possible ways to retain high performers.
- Predicting possible attritions.
- Build a classification model using logistic regression and SGD using hyperparameter tuning techniques to predict possible attritions and achieved 86% accuracy.

Sales Forecast Analytics
Organization

Tasks/Achievements
- Analyze and forecast sales of pesticides for a domestic pesticide manufacturing company.
- The objective was to conduct state-wise trend analysis and forecast of Pesticide sales.
- To identify other reasons if they are influencing Pesticide sales.

Bank Credit Card Default Prediction
Organization

Tasks/Achievements
- Predicting the credibility of the customer, to minimize the risk and maximize the profit of a bank.
- Worked on EDA, and performed feature engineering, preprocessing data for model building- comparing the accuracy on different kernels using SVM.
- Achieved the highest accuracy score on test data as 82%.

INTERESTS

Artificial Intelligence   Travel   Learning