

Siddharth Pathania

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#2718 Sector - 70
Mohali, Punjab

Summary

Data Analyst capable of merging traditional and non-traditional data in harmony using Python libraries. Performed data exploration and visualization with python, and can also build and test deep learning models using Keras and Tensorflow.

Employment History

Data Analyst and ML Engineer

Windsor Infosys • Bengaluru, Karnataka

06/2019 - 01/2020

Worked on data visualization, NLP(Natural language processing) and supervised machine learning for various projects in company.

Education

Bachelor's of Technology (Mechanical)

Chitkara University

Graduated
07/2018

Projects and Trainings

- **Classifying different breeds of dogs using Fastai - January 2020**

Classifying different breeds of dogs by using Fastai and transfer learning. In this project I have used Resnet34 model to classify the images.

Kaggle link: - <https://www.kaggle.com/sidd1996/dogs-breed-classifier-using-fastai>

- **Crime Analysis of India - February 2019**

The main objective of this project is the analysis and visualization of crime in India (2001-2012). This is state-wise and district wise crime analysis.

GitHub link: - <https://github.com/sidd1196/Data-Analysis-and-Visualization>

- **Major project: - Working and analysis of Exhaust Gas Recirculation (EGR) - March 2018**

The objective in vision for this project was to conduct a detailed study on the working of Exhaust Gas Recirculation (EGR) system.

Certifications

Applied AI Course - March 2020 (pursuing)

The objective of this course is to teach ML and Deep Learning techniques that are used in companies. I have completed the ML part of this course and right now studying the deep learning part of it.

IBM Data Science Professional Certificate - August 2019

- **A Recommender System for Sports Shop - August 2019**

The objective of this project is to build a recommender system which would help contractors decide where to open a new sports shop.

GitHub link: - https://github.com/sidd1196/Coursera_Capstone

Convolutional Neural Networks in TensorFlow - December 2019

Certificate link:- https://www.coursera.org/account/accomplishments/verify/ZC7YLY4TAB2N?utm_medium=certificate&utm_source=link&utm_campaign=copybutton_certificate

Professional Skills

- **Programming Language:** Python.
- **Libraries:** Pandas, matplotlib, plotly, numpy, scikit-learn , tkinter, dash, keras, TensorFlow, openCV, PyTorch, Fastai, xgboost.
- **Machine Learning Models :** Linear Regression , Logistic Regression , Linear SVM , Decision Trees , Naive Bayes ,Random Forest , XG Boost, K-means clustering, Recommender systems.