LAKSHMI PRASANNA VALLURI

Aspiring Data Scientist

To work in an environment which encourages me to succeed and grow professionally, where I can utilize my skills and knowledge appropriately.

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Education

10th Class
2015 - 2016
Sri Chaitanya Techno School
Score – 8.5

12th Class
2017 – 2018
Sri Chaitanya Junior College Vijayawada
Score – 76.4%

B. Tech
2018 – 2022
Vel Tech Rangarajan Dr. Sagunthala Rangarajan R&D Institute of Science and Technology Chennai
Stream – ECE
CGPA – 7.65

Skills

- SQL
- Python
- Machine Learning
- MS Excel

Work Experience

Decision Scientist – **MU SIGMA** *1.3 years*

- Using python predicted the Air Pollution using 2004 and 2005 Data.
- Client Project - Annotation.
- Based on the given protocol need to identify the Drug Percentage.
- Hourly averaged responses from an array of 5 metal oxide chemical sensors

Internship

- **Community influencer Intern at UnSchool**
  07/08/2020 – 21/08/2020
  Convince the customers for to take the courses in the UnSchool Platform. Marketing and advertising the courses in UnSchool Platform. Describing all the advantages they having by taking the courses in UnSchool.

Project

- Air Quality Dataset

Problem Statement:

Hourly averaged responses from an array of 5 metal oxide chemical sensors
This dataset contains the responses of a gas multisensory device deployed on the field in an Italian city. Hourly responses averages are recorded along with gas concentrations references from a certified analyzer. This dataset was taken from UCI Machine Learning Repository: https://archive.ics.uci.edu/ml/index.php.

Solution:

The dataset contains 9357 instances of hourly averaged responses from an array of 5 metal oxide chemical sensors embedded in an Air Quality Chemical Multisensory Device. The device was located on the field in a significantly polluted area, at road level, within an Italian city. Data were recorded from March 2004 to February 2005 (one year) representing the longest freely available recordings of on field deployed air quality chemical sensor devices responses. Ground Truth hourly averaged concentrations for CO, Non Metonic Hydrocarbons, Benzene, Total Nitrogen Oxides (NOx) and Nitrogen Dioxide (NO2) and were provided by a co-located reference certified analyzer. Evidence of cross-sensitivities as well as both concept and sensor drifts are present as described in De Vito et al., Sens. And Act. B, Vol. 129,2,2008 (citation required) eventually affecting sensors concentration estimation capabilities. Missing values are tagged with -200 value.