Chenna saisandeep

Email: chennasaisandeep@gmail.com

Phone: (+91) 8688291911   **Citizenship**: Indian

Education		
	Indian Statistical Institute	Bangalore, Karnataka
	Bachelor of Mathematics (Hons.)	July 2019 - May 2022
	Aggregate Percentage : 77(1st division)	
	Sri Chaitanya Junior college	Hyderabad, Telangana
	Telengana Board of Intermediate Education	April 2017 - March 2019
	Aggregate Score : 981/1000	
	Sri Chaitanya High School	Kurnool, Andhra Pradesh
	Secondary Board Exam	March 2017
	Aggregate Score : 9.8/10 CGPA	

Scholarships

Indian Statistical Institute Bangalore Student Fellowship   2019-2022

Indian Statistical Institute Kolkata Student Fellowship   2022-2024

Academic Projects

Effect of Covid-19 lockdown on Air Pollution

Mentor: Prof. Rituparna Sen (ISI, Bangalore)   Sep 2020 - Dec 2020

Analysis of changes in concentration of air pollutants before, during and after Covid-19 lockdown. Given the recorded value of pollutants on a daily basis, we performed hypothesis tests to investigate whether there was any effect of lockdown. Further, we had perceived data of pollution from respondents across the globe and did a comparative study. (https://www.isibang.ac.in/ rsen/Stat1old/3.pdf)

Achievements

Indian Statistical Institute   2019

All India Rank - 18

JEE Mains and Advanced   2019

All India Rank - 1927 in JEE Advanced and 2143 in JEE Mains

NTSE   2017

State Rank : 4th in National Talent Search Examination

Courses taken

100 Days of Code: The Complete Python Pro BootCamp for 2022, Udemy
Lists, Dictionaries, Functions, Class, Inheritance, Object oriented programming, Data structures and algorithms, NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn and some other machine learning modules.

The Data Science Course 2022: Complete Data Science BootCamp, Udemy
Statistical methods in python like classification problems, linear regression, cluster analysis, K-means clustering, Basic deep learning.

Statistics
Statistics 2 (Estimation Theory and Statistical Inference), Statistics 3 (Multivariate Regression, Linear Models), Statistics 4 (Non-Parametric Inference, Bayesian Statistics, Decision Theory).

Mathematics
Real Analysis, Linear Algebra, Multivariable Calculus, Vector Calculus, Function Spaces.

Probability
Probability 1, Probability 2, Stochastic Processes.

Topology and Geometry
Differential Geometry, Differential Topology.

Skills

Programming
Proficient in: Python, C, Javascript.

Statistical Programming
Familiar with R programming, data visualisation packages including plotly, ggplot.

Languages
English, Hindi, Telugu

Certificates

100 Days of Code: The Complete Python Pro BootCamp for 2022, Udemy   Dec 2021
(https://www.udemy.com/certificate/UC-fd0b1ffa-4d87-41b1-af4b-f750aa13dbe1/)

The Data Science Course 2022: Complete Data Science BootCamp, Udemy   June 2022
(https://www.udemy.com/certificate/UC-63128b89-958c-43ea-a363-92aa011fbcc2/)

Fast typing skills - 62WPM   Oct 2022
(https://www.ratatype.com/u4473397/certificate/)

Other interests   Chess, Badminton, Creating 3D CGI, Photography.