

A Data Science enthusiast with excellent problem-solving, analytical skills, and the ability to perform well in a team. My goal is to apply the knowledge to help the organization advance efficiently.

EDUCATION

Bachelor of Technology in Computer Science (Data Science)

9.11 CGPA NIIT University, Neemrana
2018 - Present

XII Class

78% PCM Maheshwari Public School, Jaipur
2017

X Class

7.7 CGPA Maheshwari Public School, Jaipur
2015

ACHIEVEMENTS

COVIDATE-Ideathon Runner Up

IIT-Bombay collaboration with Larsen & Toubro Ltd
10/2020 - 01/2021

- Secured RunnerUp Position, in the Ideathon Organized By IIT Bombay, in which our team ideated on Efficient Vaccine Supply Chain Management methodology.

Nano EPL Winner

NIIT University & Erasmus
09/2018 - 12/2018

- The winner out of 20 teams(totaling over 200 participants) in the Nano-EPL Research competition.
- Research Idea hypothesized in conjugation with the topic "Nanoparticles in Water Repellent Clothes".

Smart India Hackathon-Top 5

Education department Gujarat
09/2020 - 10/2020

- The main task was to develop an IoT-based system for the tracking of Electrolyte bottles in the Hospital.
- Developed an app for visualizing the level of electrolytes bottles.

TOOLS

GitHub MySQL Microsoft SQL server PostgreSQL
Docker Selenium Jenkins PyCharm Spyder
VSCode GoogleColab Jupyter Notebook

SKILLS

Python NumPy Pandas Sklearn R
Machine learning Data Analysis Data Manipulation
Statistics Data scraping SQL MySQL DBMS
Web Automation OOPS Git JavaScript
Data Structures & Algorithm Django Flask

PROJECTS

Calories Burnt Prediction using Machine Learning with Python

- The main task was to build a model that predicts the calories burnt using the 9 attributes dataset. I tried to compare the **performance** of Linear Regression, Decision Tree, Xgboost and Random Forest.
- **R squared Error** = 0.9981783805116796, **Mean Absolute Error** = 1.70514
- **Skills Used** - Numpy, Pandas, Seaborn, Sklearn, Matplotlib, Python.
Link:https://drive.google.com/file/d/1J1a3pW9mxQMHHpKBjFJalaZFuZ9b_uFF/view?usp=sharing

A simulation-based optimization approach to Covid-19 vaccine Supply Chain Management System

- Identify the distribution center/location of warehouses optimistically. The main task was to find out the center of the country and the centers of each state **optimistically** and **efficiently** such that the sum of its distance from all other points should be minimum.
- Created a **28 matrixes dataset** contains the distance between various cities. Developed a **dashboard** for visualizing warehouses and some statistical data.
- **Skills used** -NumPy, Pandas, Selenium, Python, HTML/CSS, JavaScript.
Link :<https://github.com/NinadKanchan/VaccineSupplyDashboard>

Workflow Management System (WMS)

- Developed a WMS application that provides an infrastructure for the set-up, performance, and monitoring of a defined sequence of tasks, arranged as a workflow application. We were aimed at the **Kanban workflow management system**.
- **Skills used**-HTML/CSS, JavaScript, Firebase, Django, NodeJS.
Link:<https://github.com/sahil-rawat/Capestone1>

CERTIFICATES

Learn Python Programming Masterclass-Udemy
(03/2020 - 05/2020)

Foundations of Data science-Padhai (04/2021 - 07/2021)

30 days of Google Cloud (Data Science & Cloud Engineer Track) (10/2020 - 11/2020)

Architecting with Google Compute Engine-Google Cloud
(01/2021 - 04/2021)

LANGUAGES

English
Full Professional Proficiency

Hindi & Marwari
Native or Bilingual Proficiency