

# PRAJJWAL SHARMA

MALE, 21/10/2000

## EDUCATION

B.TECH(MECHANICAL)	2019-2023	NETAJI SUBAS UNIVERSITY OF TECHNOLOGY(NSUT)	8.42/10	
CBSE (Class XII)	2019	Green Fields, School	91.23%	
CBSE (Class X)	2017	Green Fields School	95%	

## INTERNSHIP/S

### Data Analyst-, AIRPORTS AUTHORITY OF INDIA (AAI). NEW DELHI

May 2022 – July 2022

AAI –is a statutory body, under the ownership of the Ministry of Civil Aviation, Government of India.

- My role was to analyze and maintain the vehicular repairs record using sql ,excel and python
  - Key impact of this role- I learnt how to manipulate large data and how it can be used to extract valuable information from the data.

### Data Analyst | ACCLINE HONG KONG LTD. (Formerly CIBC) | Gurugram (Jan 22 – Apr 22)

CIBC are the India entry consultants helping more than 750 companies develop a successful entry strategy

- Analyzed and deduced relevant correlation from the database 2022 between various companies based on their 'Ownership', 'Turnover' and 'Type of Company' with the 'Mode of Entry' in order to prioritize and expand the network of potential clients for the company and generate insights for same
- Developed a model using Apriori algorithm for the correlation and depicted with Heatmaps (Pandas, Scikit, mlxtend, apyori, matplotlib, seaborn)

### Junior ML Engineer(Currently) SUVIHA FOUNDATION-

Suvidha Mahila Mandal is a non-profit organization working to impart education for the poor individuals.

- Working on a text to speech chat bot made using minimum cloud resources while reducing maximum of its dimension. So that it is cheap and easily available to the masses

## ACADEMIC PROJECTS -

### Github- <https://github.com/Prajjwal00>

- **Git-hub Repos Web Scrapping:** Web scrapping of top 30 github repositories using Beautiful Soups, response API, pandas and numpy.
- **Ensembled CNN model for covid-19 detection:** Proposed a novel model for detection of X-rays using ensembling of modified Resnet50 and VGG16 and getting an accuracy of 97.83 after hyper-parameter tuning.
- **EDA(Exploratory data analyses ) of Covid-Deaths using data cleaning and data exploration (SQL and pandas):** Cleaning and Exploring "CovidDeaths" dataset using sql . Like filtering the missing values and converting the dates in a more readable form, finding patterns in the deaths and regions etc
- **Data Visualization-Covid-Deaths Analyses(Tableau):** In this project I took some of the SQL queries i worked on in the first project and create visualizations in Tableau., using heat maps, bar plots, pie-chart etc, visually appealing graphs makes trends and patterns easy to read.
  - **Potato disease classification (using CNN)-**I did image classification using CNN , applied basic parameters and did some feature engineering using one hot encoding, pooling ,data Augmentation etc to make a model which will tell you if the plant has a disease or not

## TECHNICAL SKILLS

- **Languages-** 1) C\C++ 2) HTML/CSS 3) Python 4)SQL
- **Software's-** Solid works and simulation, Tableau, PowerBI, AutoCAD, Blender, After effects

## CERTIFICATIONS

- IBM Data Scientist • Stanford's Machine Learning
- IBM data analyst • Deep Learning and AI

#### POSITION'S OF RESPONSIBILITY

- Executive Committee Member | Innovision-Resonanz'19 (Oct 2019) Innovision - Resonanz is the 3-day long annual technical and cultural fest of NSUT which witnesses 2000+ footfall every year. Spearheaded a team of 8 volunteers of the logistics and security team.
- Member of ARES Robotics Society – Made integral contributions to the team for the international Mars rover challenge URC 2021