

## EDUCATION

### **Post Graduate Diploma in Machine Learning and AI (06 /2020 - 06/2021)**

International Institute of Information Technology (IIIT,B) (Online Program)

### **Bachelor of Engineering, Info. Tech. (05 /2016 - 09 /2020)**

Fr.Conceicao Rodrigues College of Engineering - CGPA : 6.75/10

## PROJECTS

### **1. Summarization & Entity Extraction from Meeting Minutes (05/2020)**

- Developed an application that facilitates the generation of minutes using audio / scanned text by generating human-like abstractive summaries of transcripts using Deep Natural Language Processing Models.
- The model was trained on the AMI Meeting corpus dataset using a pre-trained transformer T5.
- Able to identify various entities like names, geographic locations, time, date, etc. with Named Entity Recognition.
- Able to transcribe handwritten text using a Deep Learning model or printed document using Optical Character Recognition (OCR).Provision for Speaker Diarization to identify and tag different speakers from the recorded meeting.

### **2. Pocket Birder (10/2020)**

- Developed a Flutter application that identifies over 350 species of birds from all over North America & Europe using Transfer Learning on the ResNet50 model.
- Model is trained using Fast.ai and achieves about 85% accuracy.
- The application also consumes a REST API that fetches more details about the identified bird like it's call, most common locations, scientific name, etc

### **3. Lending Club Case Study (08/2020)**

- Identified applicants who are likely to default their loan.
- Performed univariate, bivariate, and multivariate data analysis to understand the driving factors (or driver variables) behind loan default, I .e.the variables which are strong indicators of default.

### **4. Bike Sharing Demand (09/2020)**

- Multiple linear regression model to predict the demand of bike sharing
- Identified variables that are significant in predicting the demand for shared bikes.

### **5. Covid-19 Dashboard (04/2020)**

- An interactive and dynamic dashboard that provides covid-19 statistics .Other features include coronavirus trends across the world , forecasts of covid cases,country wise and region wise stats along with date wise analysis
- The dashboard was built using Microsoft's Power BI and the data processing was done in Python.

### **6. Customer Segmentation in R( 03/2020):**

- Developed a model that segments customers based on their buying habits ,gender and so on.
- The model was built in R using K means clustering.

## EXPERIENCE

### Data Analyst Intern (05 / 2020 - 08 /2020)

#### WAT Media Pvt Ltd

- Data cleaning and manipulation to model data as per the report requirements.
- Explored data in a variety of ways and across multiple visualizations such as scatter plots, maps, bar graphs, pie charts, etc.
- Utilized Power BI to create various analytical and interactive dashboards that depicted various KPIs and creatively displayed the insights from the data.
- Worked with advanced Power BI calculations to draw conclusions about data findings.
- Established relationships between various tables to get better insights.

**Tech Stack - Power BI(DAX queries) , Excel**

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## CERTIFICATIONS

1. Fundamentals of Scalable Data Science by IBM–Coursera
  2. Power BI A-Z: Hands-On Power BI Training –Udemy
  3. Modern Natural Language Processing in Python–Udemy
  4. R for Data Science–Udemy
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## SKILLS

**Programming Languages :** Python , R , SQL,HTML

**Python Libraries :** numpy,pandas,matplotlib,seaborn,sklearn

**BI Tools :** Power BI ,Tableau

**ML Algorithms :** Linear Regression , Logistic Regression , Naives Bayes,SVM, KNN

**Frameworks :** Vuejs, Flutter,Spark

**Databases:** Firebase, MongoDB, MySQL

**Other Tools & Softwares :** VS Code , R studio , git ,Microsoft Office Suite, Android Studio

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## ACHIEVEMENTS AND RESPONSIBILITIES

### 1. Sports Secretary - Students' Council (2018-2019):

- Organised over 25 sporting events (Football, Volleyball, Throwball, Table Tennis, Athletics, etc.) all throughout
- the year with great efficiency and after meticulous planning
- Led a team of 20 students to effectively organise the annual inter-collegiate sports festival Athlos 2019
- Achieved a 25% increase in participation in the Inter-Collegiate sports meet – Athlos, with participants from all over Mumbai.
- Assisted and worked as a team for the various events organised by the Students' Council

### 2. 4th Place - BNHS Photography Competition:

– Won the 4th place among hundreds of entries from all over India at the Bombay Natural Historical Society's(BNHS) All India Wildlife Photography Competition

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## EXTRACURRICULAR ACTIVITIES

### 1. Volunteer (Teaching) – Sujaya Foundation, Nov 2019

- Volunteering with the NGO Sujaya Foundation to teach Web Development to differently abled children and youth.

### 2. Sports – Fr. Conceicao Rodrigues College of Engineering, 2017- 2019

- Won medals across a number of sports: Throwball, Table Tennis, Badminton at the intra-collegiate and inter-collegiate levels
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