**Sudhanshu Mishra**

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Address- Kannauj-209721, Uttar Pradesh, India

**EDUCATION**

**Birla Institute of Technology and Science, Pilani August,2019-Present** Bachelor of Engineering-BE Computer Science, CGPA-8.97/10 M.Sc., Biological Sciences, CGPA-8.97/10

**City Children’s Academy**

Intermediate, Grade-96.25%, CISCE 2017-2018

High School, Grade-95.20%, ICSE 2015-2016

**SKILLS**

* + **Programming Languages:** Python, Java, C
  + Data Extraction, Data Cleaning, Data Analysis, Machine Learning
  + **Technologies-** MS Excel, MS Word, MS PowerPoint
  + **Interpersonal Skills-** Problem Solving, Mentoring, Public Speaking
  + **Languages-** English, Hindi

**ML Work/Hackathons/Kaggle Competitions(**[**https://github.com/msudhanshu10/Data-Science**](https://github.com/msudhanshu10/Data-Science)**)**

* Built a model to predict whether a customer of an electricity supply company will churn or not with an accuracy of 0.99. (BCG Virtual Experience)
* Advanced House Price Prediction: Used EDA, various techniques for feature engineering and then used feature selection technique to avoid curse of dimensionality. Created an ML pipeline.
* Covid-19 Data Analysis and prediction of cases- Extensive EDA to study the correlation between variables.
* Prediction of whether crop is damaged or not- Applied Random Forest Classifier to predict whether crop will be damaged or not. Accuracy- 0.80, Used upscaling methods to deal with imbalance data.
* Prediction of number of upvotes for websites like Stack-overflow. Used various regression algorithms to see which works best. Score= 0.85

**ONLINE COURSE WORK**

* Successfully completed self-paced course on Data Analysis and Advanced ML algorithms provided by Analytics and Business Committee, BITS Pilani.
* Deep Learning Specialization by deeplearning.ai (currently going on)
* Python Specialization by Coursera.

**LEADERSHIP EXPERIENCE**

* Student Volunteer at Nirmaan Organization. Taught over 25 under-privileged students.
* Mentor at Peer-Mentorship-Program, BITS Pilani May, 2019-Present.
* Head Boy at school. Managed school fest with over 1000 student participation. 2017-2018