**KARTIKAY GUPTA**

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**SUMMARY**

A versatile and focused individual with strong underpinning in Engineering and a flair for Business and Analytics. Have a proven ability to prioritize, solve and perform, with a sense of time management.

**ACADEMIC RECORD**

**COURSE INSTITUTE YEAR CGPA/%**

Bachelor of Technology Indian Institute of Technology Patna 2018 till date **7.29**

Class XII (CBSE) Silver Bells High School, Gwalior 2018 **93.4 %**

Class X (CBSE) Little Angels High School ,Gwalior 2016 **9.6**

**INDUSTRIAL TRAINING & INTERNSHIPS**

**B-Aegis Life Sciences & Research**: *May-June 2020*

Developed a web based application that triggers on coughing sound. Converted audio into mel-spectograms and then used CNN based architecture to identify cough sound. <https://github.com/kartikay-99k/Cough-detector-app>

**TECHNICAL SKILL**

**Programming languages**:  C, C++, Python, SQL.

**Tools/Libraries**:  Tableau, Excel, Tensorflow, Keras, Scikit-learn.

**Abilities/Skills**: Data visualization, Data analysis, Machine learning .

**PROJECTS AND WORK EXPERIENCE**

**Crime prediction and Data analysis:**

Course Project (CS-244) *March-May 2020*

Forecasting crime in city of Chicago by applying various ML algorithm like SVM, Random forest, MLP , Decision Tree etc . And Analysing rise and fall of crimes in specific areasover the years**.**

[github.com/kartikay-99k/Crime-forecating-CS-244-project](https://github.com/kartikay-99k/Crime-forecating-CS-244-project)

**ZS Campus Beats 2021:**

Business Case Study Challenge*21st-22ndMarch 2021*

Solved Business case challenge for Pulse Beverage in 48 hrs using Tableau, Excel, SQL and came up a with optimized Business solutions by generating useful insights from given data related to Sales, Promotional Strategy, Customers etc. Challenge consists of 3 parts Business Consultancy, Business Technology and Business Operations.

**Machine Learning Competition:**

Hackerearth *Jan-Feb 2020*

Made a machine learning model which predicts severity of airplane crash. Used and learned various types of classifiers and data pre-processing techniques. Implemented Boosting and Stacking classifier techniques to enhance model performance.

[github.com/kartikay-99k/ML-competition-hackerearth](https://github.com/kartikay-99k/ML-competition-hackerearth-)

**Flipr Hackathon:**

Machine Learning challenge *Sep 2020*

Forecasting covid-19 cases in the month of October in different cities of India using regression and time series.

[github.com/kartikay-99k/Flipr-hackathon](https://github.com/kartikay-99k/Flipr-hackathon)

**KEY COURSES TAKEN**

1. Sequences, Time Series and Prediction 2. Financial economics(HS-301)

3. Finance for Non-Finance Professionals 4. Financial analytics(HS-302)

5. Creating Dashboards and Storytelling with Tableau 6. Macro Economics(HS-201)

7**.** Visual Analytics with Tableau8. Data Science (CS-244)