

# Synopsis for B.Tech, Minor Project

**SRI AUROBINDO INSTITUTE OF TECHNOLOGY**

Department of computer Science &Engineering

**Introduction:** (Max 150 words)

This project deals with the most common problem in the modern world that not all the people possess the knowledge of the Data Analytics. The Data Analytics deals with Statistics which are very important source of information right now. So the project is the help for the mathematicians to get the predictions faster for the particular data set as they do not have to calculate the statistics of that data and they have to just predict it now.

The project will be build on python or java and it would be web based. The project has some future aspects too.

The project will be build by the team members :

- Rishi Namdev
- Sumit Sharma
- Ritika yadav

**1. Feasibility Study:** (Max 200 words)

The project will be a good source of information and as it deals with statistics it will be used vastly by everyone as from a school (who study statistics) to the person who predict the weather reports. The project will reform the style of predictions and will make it easier a lot.

**2. Problem statement:** (Max 150 words):

The problem of doing the complex calculations before the predictions or getting the Statistics. These type of problems may require a huge amount of time during the calculations, then analysis and then predictions.

**3. Methodology/ Planning of work:** (Max 300 words)

The project will be having following strategy :

1. It will have a architecture known as MVI architecture.
2. it will have algorithms related to the security such as hashing and stoping phishing attacks
3. it will be developed using SDLC ().
4. it will be having some upgrades in future
5. it will be consired to be used as a web application
6. it will make sure of all the types of testing.

**4. Hardware and Software requirements:**

Software Requirements :

Any Web-Browser with the support of html5 CSS3 and javascript is considered.

Hardware Requirements:

Any System with a dual-core processor and have 2 gigs of ram is considerable to run the website.

**5. Summary/ Conclusion:**

The project will be build under the category of data analytics and may considered as to used as a tool for it. This tool will help the wide group of people and individuals. The project is going to use the python / java as a

package to make sure that every team member may get the advantage of the project in their future . The project is created as a web project for having a freedom of languages that is it is going to make the cross compilation of language possible .

A database is may not be required as it is just going to analyse the data and give it back to the user no traces of the individual / organization `s data .

the project will have the proper documentation for usage and creation .

The project is made open source so that everyone can contribute to make it more advance as per requirements .

The project is just going to show the statsticts now and their are upgrades that can happen during the project creation and between diffrent releases.

## **6. References:**

websites used:

<https://www.coursera.com>