**Project Proposal Form**

**Name:**  Maxim Rohit

**Student Number:**

**Course:**  MS in Data Science

**Project Title/Area 1:**

Categorize various regions within Maharashtra, India based on Air pollution trend.

Analyse the difference between these regions in term of concentration type, rate of change etc.

**Description:**

Categorize & Analyse the rate at which air pollution is increasing in Various cities & Towns of Maharashtra.

How does cities Like Pune (An IT Hub In India) & Mumbai (An Overall commercial Hub) fair against Neighbouring upcoming Towns(Nasik, Nagpur) versus the less progressive one like Ahmednagar, Solapur over the last couple of decades.

Validate how city progression maps to its Air pollution levels.

**Project Title/Area 2:**

Analyse the impact of formation across the top 6 European football league in the 21th Century

**Description:**

1. English
2. Spanish
3. Italian
4. German
5. French
6. Portuguese

The said leagues have different playing styles, some of the analysis of the difference are along these lines: -

1.How their champions play

2. How team trying to survive in the league play

3.How team trying to qualifying for Europe play

4. Plus there is always that new team a1st season great; 2nd season abysmal syndrome

We would analyse these leagues from following angels & more and see which footballing formation 4-4-2,4-3-3, 4-2-2-2 etc in their attaching or defensive flavours have brought most success to these leagues.

**Assumptions: -**

The formation under consideration will be from an overall mostly used formation during the season, we will ignore the tactical change that the team might have made to address a certain opponent in specific situation in a match.

**Project Title/Area 3:**

Analyze the relation of Economy rate (Runs given per over)  of a bowler w.r.t the probability of its team winning the IPL Match.

**Description:**

Cricket specifically the 20-20 format is considered a Batsman game.

We would try to find the depth of truth in that statement by analyzing the impact of an economical bowler in the team victory in the IPL matches.

Member of Staff:                                                                                   \_\_\_\_

If you have found a supervisor then you and the member of staff who agreed to supervise your project should sign below.

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Student Signature                                                                         Supervisor Signature

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Date                                                                                               Date