**Project Proposal Form**

This form should be submitted by the mentioned deadline.

Name: Sumit Gupta

Student Number: LJMUML000028

Course: M.Sc. in Machine Learning by LJMU

**Fill in this section if a member of staff has agreed to be your supervisor:**

Project Title/Area 1: Predict Sales of a restaurant/cloud kitchen based on past sales, popularity, ratings, reviews, weather and other attributes on a Food Aggregator like Deliveroo or Swiggy

Description: A lot of research has been done on predicting sales in future. The project is very specific for the food delivery industry. The predication can be made more accurate as more attributes are available.

Project Title/Area 2: Predict a good location in a city to open a new cloud kitchen based on popularity of other restaurants in the same area on various Food Aggregator Platforms

Description: Food Delivery Businesses like Dominos have been opening stores based on some static logic. With food delivery businesses becoming more popular, there is a strong demand for research on how to predict a right location in a city for what kind of food.

Project Title/Area 3: Processing of reviews of restaurants on a Food Aggregator Platform to provide data on what should change in the restaurant

Description: Reviews have been used for sentiment analysis and ratings of restaurants on Food Aggregator Platforms. Is there a way to provide recommendations on changes required in the restaurant based on reviews.

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.

Sumit Gupta

Student Signature                                                                         Supervisor Signature

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Date – 19th May 2019                                                                   Date