

School Of Computer Science University Of Petroleum and Energy Studies P.O. Bidholi, Via-Prem Nagar DEHRADUN-248007

2 Bachelors of Technolgy in Computer Science Engineering Minor Major Mrs. Nitika MARKET WATCH -Media mix modeling **Project Title Mentor Name** Goenka Abstract In this project titled Market watch, a media mix modeling is used which is an analysis technique that allows marketers to measure the impact of their marketing and advertising campaigns to determine how various elements contribute their goal, often conversion. The Market watch is essentially a blend of various promotion techniques which are picked so that it arrives at a most extreme number of individuals Objective The objective of this project is to utilize different machine learning models, to decide how marketing campaigns have performed and predict how they will act later on. Media mix modeling is implemented in two parts . The first step includes identification of the response of some business target measures for spend value which is then the key and basis for the whole optimization. The second step includes the numerical Methodology optimization using machine learning algorithms. The dataset will be ingested into the model and then the analyzed, visualized & modelled through various tool. In the end the model will be deployed and result in correspondence to the data provided will be Progress 1 10 10 10 10 Marks 10 10 10 10 10 10 Rollno/Mar Step Step Step Syno Mid-End-Mentor Step 1 Step 3 Step 4 Step 5 ks(10) psis term Term Remark Date/Ment Signature Progress 2 Marks 10 10 10 10 10 10 10 10 10 10 Step Step Step Svno Mid-End-Mentor Rollno Step 1 Step 3 Step 4 Step 5 psis term Term Remark Date/Ment Signature

Guideline: 1) A project group can be of maximum 4 members and no alteration in the group member will be entertained later.

Guideline: 2) Methodology should have following steps Step1: Literature Review; Step2: Identification Of Requirement (Type Of Data source, Amount Of Data, & Format of Data); Step3: Identification of Algorithm; Step4: Comparative study; Step5: Design and Development of System/Architecture; Step 6: Implementation; Step7: Results Guideline:3) Student should upload softcopies of all the documents (reports and power point presentations) in "Project Directory", 24 hrs prior to evaluation.

Guideline:4) Panel member will give feedback to individual on the scale of 1 to 5 and this scale will change for defaulter i.e. 1 to 3 scale.

1: Poor 2: Average