



MINI PROJECT QUESTIONS

20PITE54J - BigData for Machine Learning

Implement the Hive and Sqoop framework for the following scenarios.

- Car Showroom – Identify the no of cars available in the showrooms, segregate them according to the brand.
- Indian Premier League – With the help of the Previous year IPL table segregate the teams with win and loss
- Jewellery Shop - Identify the no of ornaments available in the showrooms, segregate them according to the variety
- Railway Reservation system – Identify the vacancy based on the availability of the seats, segregate them according to
- the class
- Online Shopping System - Identify the no of products available in the portal, segregate them according to the purpose

Instructions

- Definitely students should not be combined, everybody have to do projects individually
- All scenarios can be related to word count program
- Students themselves have to create the sample datasets according to the scenarios what they have chosen as mentioned above
- Give the created datasets as input to the Hive and Sqoop framework
- Create tables in mysql, project it by using hive and perform query in sqoop using mysql for the above scenarios
- Manually provide the result by performing in the document, it can be either pen and paper or printed document
- Follow the timespan given to complete the project
- Each student can take any one scenario from the above scenarios as their project
- Students should submit the screenshot for their work along with the report – can be included at the last of the report
- Please submit the project within the deadline

Rubrics: 100%

Manual derivation in pen and paper or printed document	20%
Implementation using hive, sqoop and mysql platform	80%