PROJECT 1 – PROPOSAL

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NFL analysis APP

The app will execute queries over NFL data performing the following analysis:

1 – How playing at Home or Away relates to games’ winners?

2 – How temperature affects games winners regarding playing in home or away?

3 – What is the performance of a team according to the period of the season?

4 – How wind chill relates to games’ final score?

5 – What is the relation between the favorites’ spread and the final result?

6 – What is the relation between over-under line with final score?

Architecture:

NFL DATA

Internet

Analysis Data

User Data

Analysis Results (JSON)

NFL Data

MYSQL

SCALA/HIVE

/Spark APP

HDFS