Brainstorm & idea prioritization

In this Template share ideas and further ideas can be written here to modify accordingly, leader will modify these chart based on mentor feedback.

2 months to prepare
1 month to collaborate
4 Members

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.
Open example

Before we collaborate

We have to make sure wether the IBM management provide us good data , we have to make proper planning , analyzing the problem and learn additional skills like storytelling , stakeholder analysis , etc.

A Team gathering
Arjun(team leader) will gather group and instruct , ask idea and lead the group further.

B Set the goal
- Higher Accuracy.
- Clean Visuals.
- Clean Code.
- More Insights

C Learn how to use the facilitation tools
1. Youtube and IBM sessions to learn concepts.
2. Use documentation to code new concepts.
3. use discord , stackoverflow to clear doubts.

1 Applicant Credibility Prediction for Loan Approval

This data science project will help finance and banking people who give 100's of loan to their applicant and this group project will help stakeholder will come to the conclusion that if applicant who are eligible and not eligible by using data visualization , machine learning algorithms and stakeholder will make data driven decisions from this project.

PROBLEM
We are gonna solve this problem by using machine learning algorithms using sci-kit learn and other conventional libraries like spark to handle big data, numpy and pandas for reshaping ,cleaning data,etc.

2 Brainstorm

ideas that come to mind that address your problem statement.

Arjun
1. Get Big data
2. Clean values by outlier detection , removing null value by mean/ median
3. Remove abnormal data from csv/txt file
4. Use Xgboost Regression
5. Preprocess data to reduce computation strain
6. Evaluate The model.
7. Find out which model fits the problem ie. Random forest,svm,logistic regression by scikit learn.

Yaswanth
1. use apache to store big data
2. use matplotlib to create clean visuals
3. Use Neural Network For this problem.

Devanathan
1. Use seaborn to visualize data
2. Do statistical analysis i.e.Inferential statistics,descriptive statistics,etc
3. Use tensorflow for training model more particular use keras for creating layers for neural network

praveen
1. Try to keep ideas clean and neat
2. Do proper Refactoring of code and clean visualization patterns.
3. Try to achieve more accuracy by repeated epochs and do parameter tunning.

3 Group ideas

Share ideas and we can make further planning based on mentor feedback.

Arjun
Use Numpy , pandas , plotly

Arjun
Use Apache spark to store big data

Arjun
Use Xgboost for regression

Arjun
Use aws or azure for model training and deploying model.

Yaswanth
Use Matplotlib

Yaswanth
Use Numpy , pandas , Matplotlib

Yaswanth
Use charts like barchart , piechart , ribbon chart based on data provided

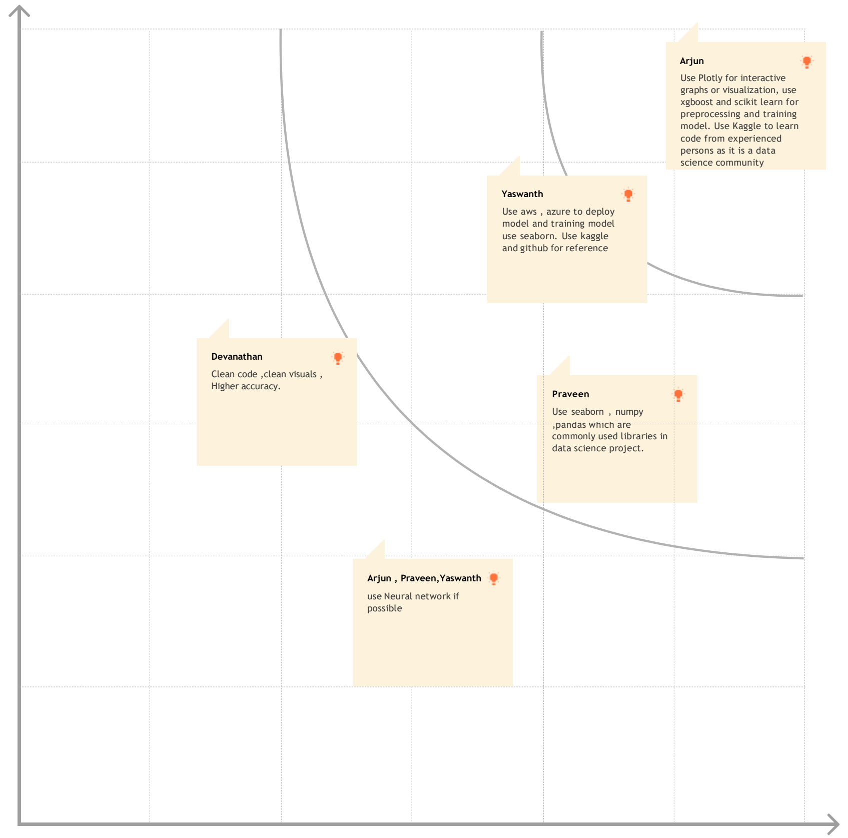
Devanathan
Use seaborn for clean visualization , use testing techniques if possible.

Praveen
Refactor code if possible , use clean visuals and use required libraires to reduce complexity

4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes



Importance
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)