**FRC Scouting Data Manual**

1. First, we import the scouting data (from one scout) using File >> Import Data in RapidMiner. We show the data in the results window after this step.
2. For other scouts, data is already present in RapidMiner. We just had to retrieve the data in the workflow using Retrieve operator.
3. Scouting data is then merged using append operator. We show the data in the results window after this step.

1. Merged data is fed into Turbo prep process to check for any possible missing values.
2. The missing values are replaced with none.
3. The clean data is then merged back with the RapidMiner process. We show the data in the results window after this step.
4. Next step is to filter teams match wise where points contributed are more than 70. We show the data in the results window after this step.
5. Next, we select the auto attributes only which includes both cone and cubes for different positions. We show the data in the results window after this step.
6. A further step is to generate new attributes from existing auto attributes. (auto total from auto cones and cubes). We show the data in the results window after this step.
7. Finally shortlisted teams are visualized to find the best alliance partner.
8. Next step would be to show that we don’t need to create the process again, we can just import the new scouting data and re-run on the same process provided the column names remain the same.