**Packages used:**

* **MASS** (version 7.3.47) – To fit negative binomial model in R.
* **Metrics** (version 0.1.2) – To calculate RMSE values.

**Instructions to run the code:**

* train.csv and test.csv are stored in Data folder.
* Student Hunt folder contains the FinalScript.R and Data folder.
* Open Rstudio. Set working directory to Student Hunt folder. Open FinalScript.R
* Make sure the above packages are installed.
* Run the code.
* Submission12.csv was the final output which gave best results, and was submitted.