Few comments:

1. I have done all the data cleanup in mysql.
2. “alter\_accountInfo” and “alter\_transactions” contain the necessary queries for data preprocessing
3. For rule 1, I’ve assumed that any transaction amount which is fives times higher than the average(for that specific user) means a fraudulent transaction
4. I’ve also implemented another version for rule 1, where the fraud transactions are flagged based upon the z-scores of the transaction amount.
5. This rule is in the stored proc “rule\_1\_zscore” but is not used in the visual studio project.