# **Problem Statement**

1. A credit card is a small thin plastic or fiber card that incorporates information about the person such as a picture or signature and the person’s name on it to charge purchases and services to his linked account. Charges are debited regularly. Nowadays, card data is read by ATMs, swiping machines, store readers, banks and online transactions.

2. Each card has a unique card number which is very important. Its security mainly relies on the physical security of the card and also the privacy of the credit card number. There is a rapid growth in credit card transactions. which has led to substantial growth in scam cases.

3. Credit card fraud is expanding heavily because fraud financial loss is increasing drastically. Multiple data mining and statistical techniques are used to catch fraud. Therefore, the detection of fraud using efficient and secured methods are very Important.

-Prerak Pandya