**Motivation:**

Bangladesh is a developed country. In our country people are not more conscious for their health. Many of our people do not follow healthy diet. Therefore, they increase their risk of having stroke. There are many people have problem of blood pressure which is also responsible for having a stroke. So in our thesis paper we wanted to predict the risk of having a ischemic stroke. If a person can know that he/she is in the risk of having ischemic stroke or not. If she/he is in the risk then she/he will be more careful than the past. It will be sound good for our people. So we chose it and our supervisor also encourage us to do this thesis work.