NIIT University

Novelty of the project

Virus Removal System

-Moksh Talreja(U101115FCS115)
Tulika Singh (U101115FCS218)
Vatsal Patel (U101115FCS174)
Yash Saxena (U101115FCS081)

Our project is based on the idea of solving almost every problem that the people using computers face with respect to malicious softwares. The fact that's it's a universally important software for anyone that's looking to keep their computer systems safe, makes it a very useful product.

The existing antivirus softwares such as Norton, avast etc. work on the fundamental principle of depending on the virus definitions to identify malware. That is the reason it updates on the new viruses definitions. Malware definitions contain signatures for any new viruses and other malware that has been classified as wild. The other method that antiviruses have recently begun to use is Sandbox detection. It detects any suspicious file in real time, and executes it in the virtual environment to track what kind of actions it performs.

Our software, on the other hand, uses Gaussian NB, which is one of the 3 types of Naive Bayes model under python scikit learn library. Naive Bayes model is an eager and fast learning classifier. Thus, it could be used for making predictions in real time.

Our project idea has the quality of being new, original and innovative in the sense that there are currently no such software (as efficient as ours) available in the market.