PwC : Cyber Security

Tackling Malware

Automated large scale malware analysis pipeline using cuckoo (or similar) which should encompass ability for users to submit samples through various channels.and analysis should happen by automatic spawning of individual isolate instances and final a workflow to handle exceptions ,obviously this should have role based access control on the backend and should also provide reports and dashboards to all users.

Breakdown:

Come up with a platform to allow users to submit samples of files, automatically test and analyse them for malware [using 3rd party methods, eg. Cuckoo, https://cuckoosandbox.org/], and then generate a report for it. The platform should have:

- Ability to take submission from different channels
- Handle Exceptions
- Role based access
- Dashboards for all users
- Reports for all users