ANDROID APP MARKET

Download APK files

APP REPOSITORY

Extract APK files using WinRaR tool

Decompiled java byte-code like source files

Decrypted AndroidManifest.xml files

DEX Files

Encrypted AndroidManifest.xml files

FEATURE EXTRACTION TOOL

Decryption using AXMLPrinter2 Decompilation using Dedexer tool tool

Automation using Windows

PowerShell

Extracted features repository

Machine learning classifier algorithms

Trained Android apps classifier framework

Test dataset examination

Identification of nature of Android app (genuine or malware)