

CATEGORICAL BREAK-UP OF PAKISTANI ANDROID APPS

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Description

In this graph we acquired data of Pakistani Android Applications and plotted them through Network-X Library of Python. The Graph sketches an edge between an application and a category if the application belongs to that category

INTREPRETATION

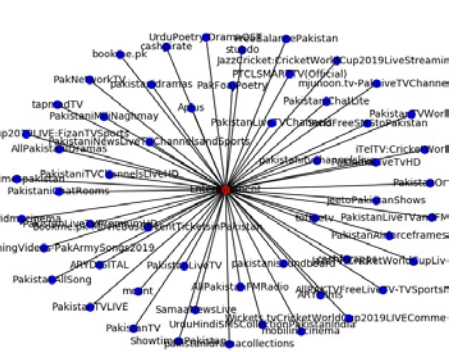
Now it is visible that sub graphs are produced which means that apps of same category make a separate graph these graphs can be used as a sorted list of apps by their categories. In the Sub-Graphs the Graph with highest number of nodes was Entertainment Graph with over 55 Nodes and 54 Edges

Data Collection

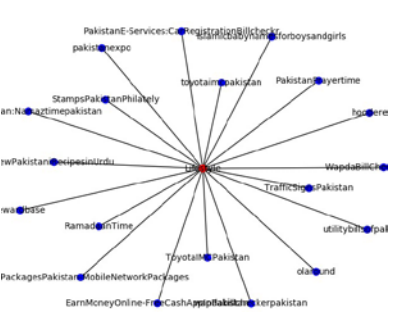
We Collected the Application name and their categories type from Google Play Store.

Generated Network

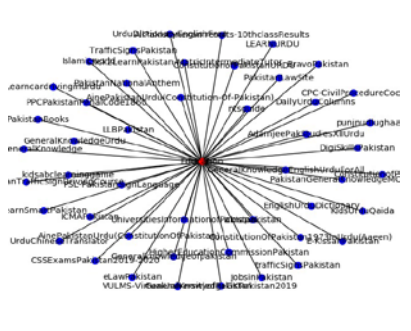
Graph showing Entertainment category with it's Apps Nodes=55



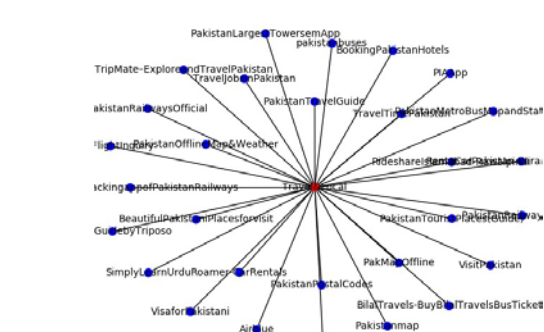
Graph showing Lifestyle category with it's Apps Nodes=20



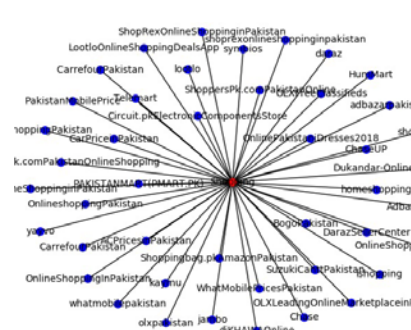
Graph showing Education category with it's Apps Nodes=48



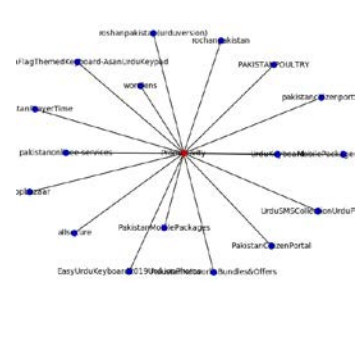
Graph showing Travel category with it's Apps Nodes=32



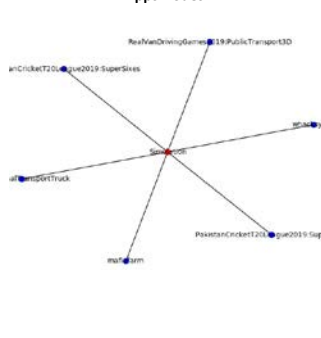
Graph showing Shopping category with it's Apps Nodes=45



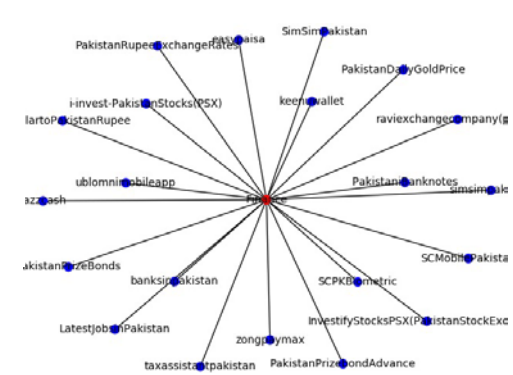
Graph showing Productivity category with it's Apps
Nodes=18



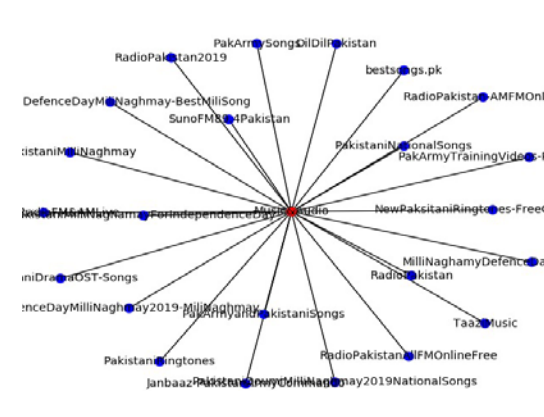
Graph showing Simulation category with it's Apps Nodes=7



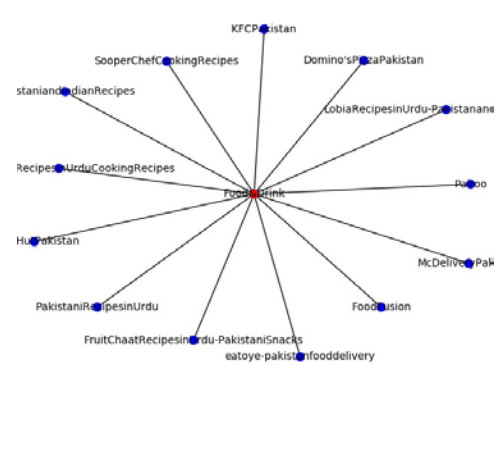
Graph showing Finance category with it's Apps



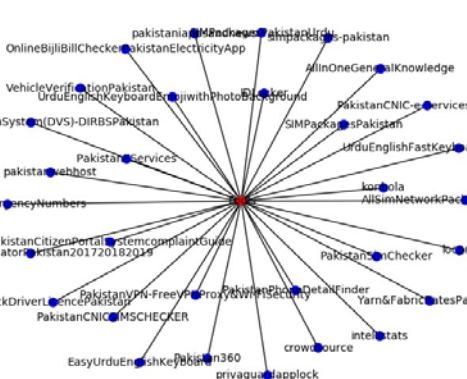
Graph showing Music&Audio category with it's Apps Nodes=24



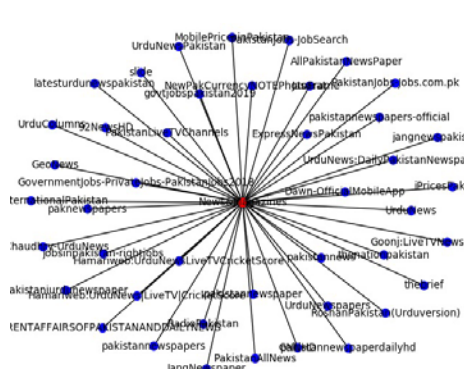
Graph showing Food&Drink category with it's Apps Nodes=14



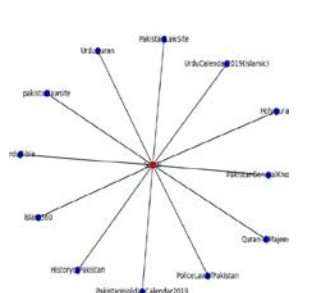
Graph showing Tools category with it's Apps Nodes=30



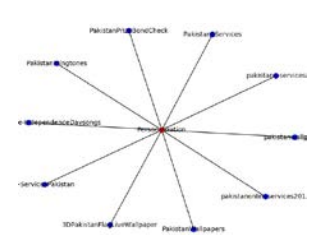
Graph showing News&Magazines category with it's Apps Nodes=44



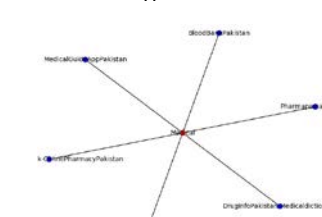
Graph showing Social category with it's Apps
Nodes=13



Graph showing Personalization category with it's Apps Nodes=11



Graph showing Medical category with it's Apps Nodes=7



TOP 5 DEGREE NODES

- 1) **Entertainment**
 - 55 Nodes
 - 54 Edges
- 2) **Education**
 - 50 Nodes
 - 47 Edges
- 3) **News & Magazines**
 - 44 Nodes
 - 43 Edges
- 4) **Shopping**
 - 45 Nodes
 - 44 Edges
- 5) **Travel & Local**
 - 32 Nodes
 - 31 Edges