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DQ 2.3

Summarize the analysis plan you are going to implement in Project 2.

In this project, I use cross table and wordCloud to find the trend of gender in using mobile devices. Also, igraph plot was used to explore the networking of people who did the survey and who sent the survey. The dataset was collected from Google Survey which we can get from the following link:

<https://docs.google.com/forms/d/e/1FAIpQLScrwAmwxygtjXng_OnFvtql3LNsVCYX52ZeT33PoYf0Ooxtag/viewform?fbclid=IwAR0-0Qp8ZmbVmVIs8OQMAEXeB0shj1Eo2HaWGLs7ic-ebUM2zFXYGeZwWhI>

MAMP database server was applied to store the dataset of survey users and was input into this report.

We can compare the gender of user to the use of mobile devices:

- From analyzing the wordCloud, we can see entertainment are the most used for mobile devices, next is keep in touch with friends, reading news and sharing photos/videos.

- Based on the analysis, we can observe that more female are iPhone users(60.714%) compare to male iPhone users(39.286%). Meanwhile, for Samsung devices. There are more male users(66.667%) compare to female(33.333%).

- Between relationship and Mobile Phone used, 74.194% friend uses iPhone, 16.129% uses Samsung and the rest uses Huawei and Sony. Meanwhile, 60% of my family members use iPhone, 20% use Huawei and 20% use Samsung and none of them use Sony devices.