**How do you come up with the research topic:**

We bought phones several months ago, and we thought that how a manufacturer can promote sales volume based on their standpoint.

**Data source:**

Our parents bought from AliExpress. They work in the industry related to online shopping.

**How do you decide your model is suitable:**

We use the formula to examine the accuracy of the results. We also used quantities such as correlation coefficients to test whether the result is accurate or noe.

**Where does the formula in evalution come:**

We find the formula in a competition called AMT.

**Why we use two methods in data extraction:**

PCA is used only in PCR as a data preparation method. Information Entropy is used to determine the importance in various properties of the phones.

**What are the main factors you give:**

Display Resolution, Recording Definition, RAM, ROM, CPU, Highest camera resolution, and Price

Strength: See Powerpoint.

**Creation:**

We do a comprehensive analysis to what and how the properties of phones affect the sales volume of phones.

**Harvest:**

We employ advanced mathematical analysis into economic problems with the help of computer programs.

Have you considered other methods?

Difference between Euclidean and Mahalanobis distance.

Why use a method not AHP?

We remove the dimension of the weight. We can make a transverse comparison between each categories.