Predication of the price for next gen mobile phone

**ABSTRACT:**

There are a lot of people who want to have the latest device(Mobile phone) every year. But a very common problem is the budget. If there is no idea what kind of budget is needed for the upcoming product, thus, it is hard to choose a budget.

We want to implement a system, where we will predict the price, specs, and features of the next model of a mobile phone series. It will help a lot of people to have a more solid financial preparation for the upcoming device.

For our dataset we will collect the following information about all the previous models:

1. The production cost of the device(e.g. Display, camera, chips, memory, processor, motherboard, employee salary, tax)
2. Original market price(actual market price of the device where it is manufactured)
3. Our tax ratio of the company
4. The dealer price
5. Our local market price

We will use naive Baye’s theorem to define the prices of the upcoming model of the series. Our goal is to find at least 90% accuracy.