Class Assignment 1 – Microsoft Excel and Forecast Task

Individual work only.

The following task uses a data file provided by the professor. Go to Canvas / Files / Assignments folder and download the file.

The data represents the monthly quantities of products that are ‘in-service’ by Big-Mobile Cell Phone Telecom Company. Each product belongs to a unique category.

The overall goal for the task is to create a 3 year forecast for each product (including product revenue) and the total revenue of Big-Mobile.

Product Price Note Name

1 26.95 Monthly Single telephone # fee (limited)

2 49.99 One-time Single phone line new account fee

8 39.99 Monthly Single telephone # fee (unlimited)

3 129.99 Monthly High Speed Data (Entertainment)

(24Gb, 1st 6 months 55.00)

4 89.99 Monthly High Speed Data (Workhorse)

(10Gb, 1st 6 months 37.50)

5 49.99 Monthly High Speed Data (Basic Access)

(1Gb, first 6 months 15.00)

6 16.99 Monthly Unlimited music radio service

17 19.99 Monthly Smartphone Maintenance Plan

Task:

1. Use Excel
2. Calculate revenues for each product
3. Create a pivot table (or tables) summarizing the revenue (ex. total sales, average).
4. Create 2 visual representations of the products in Excel
5. Create a 3 year forecast by year. Show the first year by month, annual year 2,3
6. Create a line graph to visually display your revenue forecast.
7. Create a 2-page written summary (max) of your forecast and support why it is the best forecast. 11pt font, 1 inch margins all around. 5 point lost for > 2 pages.
8. The visual representations, line graph, and any supporting tables must be **attached (included)** **to** the 2-page written summary, in 1 Word document. Each element should be designed with clarity in mind and must stand alone in meaning and message.