Introduction
Congratulations on completing your Power BI beginners' class. We have put this assignment together to help further cement your knowledge of the specific technologies you have learnt in your classes.

Support
Support and advice during your assignment is available through the WhatsApp group, if you have any difficulties, please feel free to ask a question.

Reporting
Upon completion of your assignment, you will need to submit your PowerPoint under the following headings
    - Executive summary
    - Key findings /Solutions (in bullet points)
        • 1
        • 2 etc.

    - Recommendations (to the business, based on your solutions)
    - Conclusion

Presentation
After your assignment has been submitted, you will prepare a Power BI Report and a PowerPoint presentation for presentation to the class, who will critique your report and advice on how you can develop yourself further.

Instruction
Use Power BI solely for your analysis

Discount Band	Discount Rate
None	-
Low	1%
Medium	5%
High	10%

For the discount question, this will require the IF function, follow the link below to understand the IF function
https://docs.microsoft.com/en-us/dax/if-function-dax
Explore the website to understand and learn other DAX functions

Analysis Scenario

Using the Office Supply dataset

1. Calculate
   a. Gross Sales
   b. Discount (use the discount rate)
   c. Revenue
   d. Profit before Tax
   e. Profit Margin
   f. Tax on Profit (tax rate 5%)
   g. Profit after Tax
2. Create a report overview for:
   a. Segment
   b. State
   c. Product
3. Produce a report on all products sold between January and December 2014, showing number of sales, sales proportions and financial performance. Ensure your analysis can be used to determine whether there is growth or decline on any of the product lines.
4. Compare 2013 Q4 and 2014 Q4 figures to highlight year on year results. Reproduce the report at higher levels such as Product category and State.
5. What key products are the drivers of performance?
6. If we would like to discontinue any product sub due to poor outcomes, what would this be?
7. What product do we pay the highest tax on?
   a. Overall
   b. For each state
   c. For each segment