**Assignment planning and execution**

1. Use [Deakin Assignment Planner](https://www.deakin.edu.au/students/studying/study-support/academic-skills/assignment-planner)to give you an idea of what proportion of time to spend on each stage of your assignment. This is a useful tool that will assist you with planning for the different stages of an assignment like planning and preparing, researching, taking notes, drafting and redrafting etc.
2. Before you begin working on your assignment, it is important that you understand what is expected of you to successfully complete the assignment. Begin by analysing the topic/instructions, and requirements. In dot points, write down things you didn’t understand in the assignment instructions and things you did to resolve the issues. Add or delete rows if necessary.

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| Things you didn’t understand in the assignment instructions: | Things you did to resolve the issues: |
| * Confused about question 4.2 – was not sure if I was meant to recreate a logistic regression model using the observations that meet the criteria, or to create a predicted probability matrix. | * Spoke to classmate to see what their interpretation of the question was. |
| * Unclear if we needed to interpret the key regression metrics for each iteration in the report or just the final iteration | * Posted question on discussion board – Tutor answered and confirmed that it’s only needed for the final iteration. |
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1. Fill in the table below before the beginning, during middle and end stages of the assignment. In dot points, jot down things that you have you done in each of the following steps.

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| Steps to follow: | Analysis | Technical report |
| Plan and prepare | * Created pivot table to get a sense of all the variables in the data set. * Create correlation and scatter diagram analysis to identify variables that could potentially skew the model results. * Set deadlines to complete each question. | * Created table of key metrics to include and interpret in the report. * Set staggered deadlines to draft analysis for each question. |
| Research, read, take notes and/or outline | * Rewatched weekly practical’s that covers assignment topics. * Watched Youtube videos on regression models for further understanding. | * Read few sample technical reports to get a sense of what to include. * Read textbook to understand what the key metrics mean. |
| Write the first draft | * Completed 2 questions a week in excel template * Plotted relevant graphs. | * Drafted analysis for each question as they are completed. |
| Revise and re-draft | * Repeated excel steps for each question in fresh workbook to double check that there were no errors in the process. | * Re-read draft report and realized some bits did not make sense, so redrafted accordingly. |
| Proofread and submit | * Double checked formulas to make sure they are referencing the correct cells. * Compared original dataset with dataset used in models to make sure no errors happened when copying and pasting across. | * Proofread report and checked for any spelling errors. * Tweaked formatting and layout of report to ensure it is consistent. |

1. Turning the plan into action. In dot points, complete the table by writing the challenges encountered in completing the assignment and actions taken to resolve the challenges. Add or delete rows if necessary.

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| **Analysis** | | **Technical report** | |
| Challenges encountered | Actions taken to resolve the challenges | Challenges encountered | Actions taken to resolve the challenges |
| * Had issues with my interaction effect graph not showing any lines even after redoing it. | * Reattempted the plot on fresh template – still had issues. * Spoke to classmate and was advised we need to adjust the scaling. | * Was confused on how to interpret some of the regression metrics. | * Read Textbook * Rewatched practical and lectures for topic |
| * Had issues with the probability matrix, my % was too high for the segment of negative brand image, so sensed it was not correct. | * Stepped away and reattempted the next day and realized there was a tiny error in my formula. | * Did not know how to interpret parallel interaction effect lines as was expecting a slight cross. | * Looked up online on what parallel lines indicate and look for sample interpretation. |
| * Was confused on how to assess timeseries model accuracy as there was no observed value provided to compare to for MAPE calculation. | * Researched online and found that we can use MAPE on historical data for the timeseries model. |  |  |
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