1. The Purpose of this PoW Template is to [show evidence](https://techtoriumacnz.sharepoint.com/sites/Academy/SitePages/Proof-of-Work.aspx) you have met requirements for each Project (or Lab)
2. It is a Template so feel free to modify this document if you need *including pasting the actual requirements*
3. Use the table below to embed any [Solution Artifacts](https://techtoriumacnz.sharepoint.com/sites/Academy/SitePages/Proof-of-Work.aspx) if you need *however we prefer that you directly attach to the Teams Assignment - check with Trainer*

|  |  |  |
| --- | --- | --- |
| Embed any Artefacts you have created here (Optional) | |  |
| Word > Insert > Object > Object > Create from File  *Make sure you Test you can open AFTER you* [*embed*](https://support.microsoft.com/en-us/office/insert-an-object-in-word-or-outlook-8fc1ea53-0e01-4603-a4cf-98c49b6ea3f5) *it* |  |  |

## Solution Requirements - MUST

|  |  |  |
| --- | --- | --- |
| # |  |  |
| SR01 | Github Project URL | |
| [**git@github.com:BrendyCake/Car-Sales-Prediction.git**](mailto:git@github.com:BrendyCake/Car-Sales-Prediction.git) | |
| SR02 | IDE selection | |
|  | |
| SR03 | Visualization of dataset to analyze and identify the required features and to drop the irrelevant features to prepare the model | |
|  | |
| SR04 | Feature Scaling (Normalization) | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR05 | Build the ANN | |
|  | |
| SR06 | Prediction on New data | |
|  | |
| SR07 | Prepare a GUI for the user to enter the custom values to test it. | |
|  | |
| SR08 | Unit Testing [Automated Approach] | |
|  | |
| SR09 | Optimization | |
|  | |
| SR10 | System testing (Manual Testing) | |
|  | |
| SR11 | Debugging | |
|  | |
| SR12 | User acceptance testing | |
|  | |

## Solution Requirements - Could

|  |  |  |
| --- | --- | --- |
| # |  |  |
| SR01 | Choose a different dataset and alter your ANN application to predict a new output value. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR02 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR03 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR04 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR05 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |

## Solution Requirements - Should

|  |  |  |
| --- | --- | --- |
| # |  |  |
| SR01 | Run a Neural Network on the Tensorflow Playground with at least 2 features and 2 hidden layers. | |
|  | |
| SR02 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR03 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR04 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |
| SR05 | Write the requirement and any other notes here. Include anything you need to prove your work e.g. weblinks, github links etc. | |
| **Paste your screen shot(s) here - ensure they are clear, and only show necescary evidence that can be zoomed** | |

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| --- |
| Marking Rubric |
|  |