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| **BADGE** | **CRITIRIA** |
| **ALL** | **Provide the reviewer access to the notebook. You can follow these steps below:**   * Please open your Colab notebook, click on Share on the top right * Change permissions to **Anyone with the Link**. |
| **ALL** | **Ensure that you run all the code blocks relevant to the Badge you are applying for successfully. The output should be readable by the reviewer.** |
| **Create Data Story** | **Create your AI badge profile** |
| **Write code to access raw data.**  Where the data is loaded from a local source, provide the reviewer access to the data as well so that the reviewer can upload the data and run the code block |
| **Explore the raw data**  Describe your observation and analysis of the data exploration (missing values, correlation of features etc.). |
| **Write the AI microservice specification**  In this section, also include a description of the story (Objective, Context, potential users of the solution, benefits, constraints etc.). The reviewer needs this to understand the story better. |
| **Miro Activity**  Include two screenshots of two exercises (1.1 and 1.2) for the Agile Leadership activity. Example: |
| **AI-driven transformation**  Describe how the project will be able to implement the AI functionality |
| **Build AI Data Pipelines** | **Specify the details of the data layer**  Brief Analysis and 3Vs of Data, volume, velocity, variety |
| Convert your raw data into writable data by converting Arrow dates to strings. This is applicable if you are using date fields in your data set. |
| Define the code needed to refine the raw data (fields being dropped, conversions etc.) |
| **Miro Activity**  Include two screenshots of two exercises (2.2 and 2.3) for the Scrum Master activity |
| **Run AI Experiment** | **Design and run an experiment** |
| As well as the code required to perform this task you need to explain:   * **Goal:** What is the overall goal of the AI. This should be an expansion on the text already supplied for AI service in your Data Story. * **Source:** This should be where, and type of data was obtained * **Processing Steps**: Bullet points detailing what your AI intends to perform. * **Output:** Describe the output type (last step from processing) and the type of resultants you expect to obtain (success and failures if appropriate). |
| **Perform AI Forensics** | **Ensure that the raw data is free from bias that could adversely affect the intent of the datastory** |
| **Information Regarding your AI**   * State where you got the dataset and what it contains * State how you got your pipeline into your system * Describe the Predicted Outcome – what you intended it to do. * Analysis of the solution- applicant should write a description of what types of biases were checked and how. Describe the self-audit done to ensure there is no bias. * General Analysis of your AI * Evaluation of topics e.g. what topic modelling did you perform, topic identification * AI Experiment Result Observations |
| **Assessing the Risk of an AI**   * Provide a description of the steps taken and audit performed to ensure that the model & data has minimal bias * High Level Overview of your AI – enterprise risks, establish there is no risk. |
| **Build AI Utility** | **Design a microservice** |
| Generate the API endpoint for the newly published microservice. Run the code. Copy the URL and paste it into the datastory. After pasting the endpoint into the datastory, the datastory should succeed. |
| **Run Agile Transformation** | **Ensure that the datastory runs properly and the test passes.** |
| The guild needs to understand Agile concepts and how they applied the agile concepts in the bootcamp so far |
| Explain your data, how it is transmitted and stored |