Infosys AI Canvas

1. Business Problem: Detail the business problem that needs to be solved or reimagined and the parameters of the use case

2. Business Value: Detail out why this problem is a priority item to be solved and what will be the business value or outcome that we can deliver by solving this problem. Indicate alignment with our goals

3. End User Value: Detail out how the end users (employees, clients, partners etc..) who will benefit from this and how it will help amplify their potential and improve experience

4. Data Strategy: Detail out the core data entities and the strategy for data collection, quality, instrumentation, pre-processing, and protection

5. Modelling Approach: Detail out the ML approach that is best fit for solving the business problem and what algorithm should be used to solve the problem

6. Model Training: Detail out how will the model be improved by feeding back learnings to the model and how will the decisions be disseminated

7. Objective Function: Detail out the dependent variable to be optimized and what are the features that will be used to predict the dependent variable

8. AI Cloud & Engineering Services: Detail out the AI Cloud and Engineering services and tooling from Infosys or other partners that will be used, and enhancements required to enable the solution

9. Responsible AI Approach: Detail out the approach for removing biases from data, ensuring inclusive datasets, securing models, explainable and any legal/IP implications, risks, guardrails to be added

Infosys RAI Canvas

1. **Accountability**: Mention who holds the accountability of fine-tuning approach and Model output

2. Security Vulnerabilities: Identify the potential threats such as Data Poisoning, Inference attacks and any kind of security attack. Validate the network architecture to identify security attacks and provide defense for each of them

3. Explainability: Define how the explainability is ensured for the use case. There should be a clear explanation of how the model makes its prediction/ output/ response

4. Standard MLops Practices: Mention what are the MLops practices for model and data versioning, hyper-parameter tracking, experiment tracking etc. are followed

5. Bias/ Fairness: Define what mechanism is put in place to measure human induced, data induced, model induced biasedness in the output/ response. Also, define the mitigation measures to remove the biasedness appropriately

6. Drift: Identify the Drift which is possible due to change in data input and also due to change in the model behavior. Clearly mention the ways to measure the drift and mitigation measures to avoid the drift

7. Human touchpoints: Mention the areas where human interventions are required to validate the output/ response from the AI model

8. Robustness and Risks (Failure points): Identify any type of Failure points, technical and functional risks, and controls to prevents those risks

9. Privacy: Identify the PII/ PHI data in Datasets, knowledge bases and outcomes of the AI solutions. Identify the Privacy breaches/risk and ways to deal with it without compromising on the transparency

10. IP Protection and IP Infringement: Mention whether IP and Copyright protection of Model outputs are obtained from the AI Provider (AI Model Provider) so that we don't infringe upon other's IP rights