

Delivery and Assessment

- Delivery
 - Code
 - Documentation
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- Assessment
 - Categories
 - Weightage Distribution

Delivery

1. Code
2. Documentation
3. Output

Code

- Either .ipynb or .py
- requirements.txt - List of dependent libraries
- References, if any code is reused

Documentation

- Document (.md or .rst) how to
 - Provide input
 - Run
 - Collect Output.
- Documentation (.md or .rst) of the output
- Maximum of 5-Min video of running the code and generating the output – with other description
 - Use zoom with screen-share and record to cloud to create this video and send the link.

Output

- Create separate folders for each node.
 - Minimum: 1-Node
- In each node-folder
 - Create folders for each metrics and place generated files in the these 4 folders.
 - CPU (At least 1 of the below three)
 - percent-user
 - percent-system
 - percent-idle
 - Memory (At least 1 of the below two)
 - used
 - free
 - Interface (At least 1 of the below two)
 - Packets/Octets
 - Dropped/Errors
 - Load
 - load*
- Each files should have at least 7000 Entries.
- * Only load file will have more than 2 columns.
- Zip the main folder
- Name it with your team name.

Assessment

Categories

1. Metrics Generated
 - a. CPU, Memory, Network and Load.
2. Novelty
 - a. Neural Network
 - b. Discriminator
3. Accuracy
4. Range Validity
 - a. Max and Mins
 - b. Variations

- c. Trend
- 5. Implementation
 - a. Code Quality
 - b. Code Re-Use
- 6. Individual Metrics
 - a. Distribution
 - b. Autocorrelation
 - c. ARIMA
- 7. Comparative Metrics
 - a. DTW
 - b. Wasserstein Distance
 - c. RMSE
 - d. Maximum Mean Discrepancy
 - e. Mutual Information

Weightage Distribution

