

Clustering-5

Assignment Questions



- Q1. What is a contingency matrix, and how is it used to evaluate the performance of a classification model?**
- Q2. How is a pair confusion matrix different from a regular confusion matrix, and why might it be useful in certain situations?**
- Q3. What is an extrinsic measure in the context of natural language processing, and how is it typically used to evaluate the performance of language models?**
- Q4. What is an intrinsic measure in the context of machine learning, and how does it differ from an extrinsic measure?**
- Q5. What is the purpose of a confusion matrix in machine learning, and how can it be used to identify strengths and weaknesses of a model?**
- Q6. What are some common intrinsic measures used to evaluate the performance of unsupervised learning algorithms, and how can they be interpreted?**
- Q7. What are some limitations of using accuracy as a sole evaluation metric for classification tasks, and how can these limitations be addressed?**

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.