**Experiment report for Learning-based**

**Design Tradeoff Selection**

Experiment 1 – Original Distribution

Total OM: 14

Train OM : 14

Test OM 1 : 1 (Ecommerce)

Type: Test set is seen by the model.

Total Dataset Instances: 30970

Training Set:

Pareto Optimal (P) instances: 399

Pareto Optimal (NP) instances: 30571

Testing Set:

Pareto Optimal (P) instances: 25

Pareto Optimal (NP) instances: 80

Notebook URL:

Dataset URL:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Precision | Recall | F1 | Support |
| 0 (NP) | 0.76 | 1.00 | 0.86 | 80 |
| 1 (P) | 0.00 | 0.00 | 0.00 | 25 |
| Accuracy |  | | 0.76 | 105 |
| Macro avg | 0.38 | 0.50 | 0.43 | 105 |
| Weighted avg | 0.58 | 0.76 | 0.66 | 105 |