**AUC Score**

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| Test Case ID | Test Case Description | Test Data/Setup | Expected Result | Actual Result | Pass/Fail |
| 1 | Valid parameters are passed in | Perform AUC on a model with appropriate test data | Returns AUC Score | Returns AUC Score | Pass |
| 2 | Type of result return from the function | Perform AUC on a model and check if the result is of appropriate type | Appropriate type result is return | Appropriate type result is return | Pass |
| 3 | Invalid test set | Perform AUC on a model with invalid test data | Raises an Exception | Raises an Exception | Pass |
| 4 | Empty test set | Perform AUC on a model with empty test data | Raises an Exception | Raises an Exception | Pass |
| 5 | One class of sample is present | Perform AUC on a model when there is only one class of sample present | Raises an Exception | Raises an Exception | Pass |

**F1 Score**

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| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Data/Setup | Expected Result | Actual Result | Pass/Fail |
| 1 | Valid parameters are passed in | Perform F1 on a model with appropriate test data | Returns AUC Score | Returns AUC Score | Pass |
| 2 | Type of result return from the function | Perform F1 on a model and check if the result is of appropriate type | Appropriate type result is return | Appropriate type result is return | Pass |
| 3 | Invalid test set | Perform F1 on a model with invalid test data | Raises an Exception | Raises an Exception | Pass |
| 4 | Empty test set | Perform F1 on a model with empty test data | Raises an Exception | Raises an Exception | Pass |
| 5 | One class of sample is present | Perform F1 on a model when there is only one class of sample present | Raises an Exception | Raises an Exception | Pass |
| 6 | Compare sklearn’s F1 score with manual F1 calculation to check for correctness | Perform sklearn’s F1 score along with manual F1 score calculation | Both return the same result | Both return the same result | Pass |