**Coursework Marksheet**

Unit #1 Python In Data Science Mark Sheet (5%)

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| --- | --- | --- | --- |
| **Task** | **Mark (out of 100)** | **Weight** | **Score** |
| Intermediate Python (Datacamp) | 98 | 2.5 | 2.45 |
| Introduction To Data Science In Python (Datacamp) | 95 | 2.5 | 2.38 |
| Total Unit Score | | | **4.83** |

Unit #2 Data Wrangling In Python (10%)

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| --- | --- | --- | --- |
| **Task** | **Mark (out of 100)** | **Weight** | **Score** |
| Datatypes for Data Science In Python (Datacamp) | 66 | 0.5 | 0.33 |
| Unit 2 Test 1: Using Python In Data Science | 74 | 1.5 | 1.11 |
| Pandas Foundations (Datacamp) | 77.5 | 0.5 | 0.39 |
| Stackskills NumPy Quiz | 70 | 1 | 0.7 |
| Stackskills Pandas Quiz | 90 | 1 | 0.9 |
| Data Manipulation With Pandas (Datacamp) | 75 | 0.5 | 0.38 |
| Merging DataFrames With Pandas (Datacamp) | 82.5 | 0.5 | 0.41 |
| Manipulating DataFrames With Pandas (Datacamp) | 82.5 | 0.5 | 0.41 |
| Joining Data With Pandas (Datacamp) | 60 | 0.5 | 0.3 |
| Analyzing Police Activity With Pandas (Datacamp) | 90 | 0.5 | 0.45 |
| Streamlined Data Ingestion With Pandas (Datacamp) | 75 | 0.5 | 0.38 |
| Introduction To SQL (Datacamp) | 90 | 0.5 | 0.45 |
| Unit 2 Test 2: Using Pandas and SQL In Data Science | 79.6 | 2 | 1.59 |
| Total Unit Score | | | **7.80** |

Unit #3 Statistical Methods For Data Science (15%)

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| **Task** | **Mark (out of 100)** | **Weight** | **Score** |
| Unit 3 Test | 60 | 15 | 9 |
| Total Unit Score | | | **9** |

Unit #4 Introduction To Machine Learning (40%)

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| --- | --- | --- | --- |
| **Task** | **Mark (out of 100)** | **Weight** | **Score** |
| Machine Learning For Everyone (Datacamp) | 60 | 2 | 1.2 |
| Generalized Linear Models In Python (Datacamp) | 70 | 2 | 1.4 |
| Unit 4 Quiz 1 – Linear Regression | 94.7 | 12 | 11.36 |
| Unit 4 Quiz 2 – Logistic Regression | 58.3 | 12 | 7.00 |
| Introduction To Predictive Analytics In Python (Datacamp) | 72.5 | 2 | 1.45 |
| Linear Classifiers In Python (Datacamp) | 60 | 2 | 1.2 |
| Machine Learning With Tree Based Models In Python (Datacamp) | 80 | 2 | 1.6 |
| Unsupervised Learning In Python (Datacamp) | 75 | 2 | 1.5 |
| Cluster Analysis In Python (Datacamp) | 60 | 2 | 1.2 |
| Practicing Machine Learning Interview Questions In Python (Datacamp) | 70 | 2 | 1.4 |
| Total Unit Score | | | **29.31** |

Unit #5 Applications Of Machine Learning (30%)

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Mark (out of 100)** | **Weight** | **Score** |
| Introduction To Natural Language Processing In Python (Datacamp) | 70 | 6 | 4.9 |
| Introduction To Deep Learning In Python (Datacamp) |  | 6 |  |
| Time Series Analysis In Python (Datacamp) |  | 6 |  |
| Machine Learning For Time Series Data In Python (Datacamp) |  | 6 |  |
| ARIMA Models In Python (Datacamp) |  | 6 |  |
| Total Unit Score | | |  |

Total Coursework Mark:

Total Coursework Grade: