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| **Computing Project Proposal Form** | **glyndwrLogo** |

**Student Name: Daniel James Collins email address: s18001869@glyndwr.mail.ac.uk**

## Course: BSc Computer Science

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| **Proposed Project Title:**  Domain Driven Data Mining: Predictive Analysis Techniques |

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| **Requested Supervisor(s):**  Bindu Jose |

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| **Project Outline:**  The aim is to design an analytical model that will demonstrate predictive analysis techniques, and develop methodologies and tools for predicting football outcomes and calculating odds. |

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| **Rationale for choice of Project:**  I have chosen to base my research on Football data, specifically the Premier League, as this is a competition which generates lots of statistical data, which I can use to demonstrate the different tools and techniques used in predictive analysis. I want to pursue a career in data science when I leave university, and this will be a good topic to gain experience using modern data mining techniques. |

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| **People with whom you have discussed the project (e.g. employer, members of the lecturing staff):**  Denise Oram  Bindu Jose |

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| **Research Areas of Study:**  Data Science, SQL |

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| **Intended Deliverables (i.e. intended research outcomes and product implementation):**  A github repository consisting of python scripts and an sqlite3 database |

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| **Resources Needed by Project (other than those already available at Glyndŵr or your place of work):** |
| **Any restrictions, adaptations or other considerations due to Covid-19?** |

**Student Signature: Daniel Collins Date: 14/11/2020**