Bradford College

Working together to transform lives

Higher National Level 4 Flex – Data Analytics

Subject Area	Digital
Course Type	Higher Education
Study Level	Level 4
Delivery Mode	Part-time
Location	David Hockney Building
Duration	12 Weeks
Start Date	September 2024
Course Code	HA000006

Course Summary

This programme is a short course, delivered as part of a longer programme of a longer HNC, or can be completed as a standalone module. It is delivered through blended learning which means a combination of face-to-face and online delivery sessions. The Data Analytics unit introduces
students to the theoretical foundations of data analytics and various processes and techniques, offering hands-on experience to enhance their skills. Topics covered include data analytic terminologies, types of data analytics, data exploration and visualization, and understanding data through descriptive, predictive, and prescriptive analytics. By completing this, students will grasp the theoretical basis of data analytics and its processes and techniques. They will gain practical experience implementing these processes and techniques using programming languages like Python / R, or tools like Weka, KNIME, Power BI, and Excel.

What You Will Learn

- Data analysis techniques and tools
- Statistical analysis and interpretation
- Data visualization methods

Progression

Each module is worth 15 credits. If you successfully complete one, two or three modules, you will receive a Certificate of Unit Credit (CoUC) upon completion of the individual units. If you finish 8 units, you will awarded a HNC. **You can progress onto other units, and then onto a HNC or HND.**

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