

DATA SCIENTIST CAREER PATHWAY



Data Scientist Career Pathway

BEFORE GRADUATION

Milestone 1



Accomplishment: Selection of Data Analytics Concentration
Details: Year 2 of HCT Bachelor of Information Systems or Bachelor of Information Technology

Outcome: Start of SAS Business Analytics Certification



Milestone 2



Outcome: 20% of SAS Business Analytics Certification Body of Knowledge (BoK)

Accomplishment: Pass CIS 2003 Statistics and Probability
Details: Year 2 Course



Milestone 3



Accomplishment: Pass CIS 3013 Data Analytics, CIS 3123 Big Data Technology, and CIS 3103 Project Management
Details: Part of HCT curriculum, Year 3 Courses

Outcome: 80% certification achieved



Milestone 4



Outcome: HCT-SAS Certificate in Business Analytics – HCT Level 1

Accomplishment: Pass CIS 4906 Capstone Project (Integrative & Consultancy Focused)
Details: Part of HCT curriculum, Year 4 Course



AFTER GRADUATION

Milestone 5

Outcome: SAS Certificate in Business Analytics - HCT Level 3



Accomplishment: SAS certificate awarded
Details: Full membership as a SAS qualified professional



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MORE OPPORTUNITIES

- Master in Data Science
- MBA in Business Analytics
- Doctor of Philosophy in Data Science

JOB OPPORTUNITIES

- Data Scientist
- Data Architect
- Data Administrator
- Data Analyst
- Business Analyst
- Data/Analytics Manager
- Business Intelligence Manager



HCT PROFESSIONAL CERTIFICATIONS/QUALIFICATIONS LEVELS

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| HCT Level 1 | Certificate from Professional Body accrediting the Body of Knowledge covered as part of the aligned HCT Course(s) and/or Assessment(s). |
| HCT Level 2 | Certificate from Professional Body accrediting the accomplishment of external Assessment(s), as part of the aligned HCT Course(s) Assessment(s) Strategy. |
| HCT Level 3 | Certificate from Professional Body accrediting the accomplishment of external Assessment(s), following additional Course(s) to HCT Curriculum. |
| HCT Level 4 | Certificate from Professional Body accrediting obtaining Professional status in the field through experience. |

