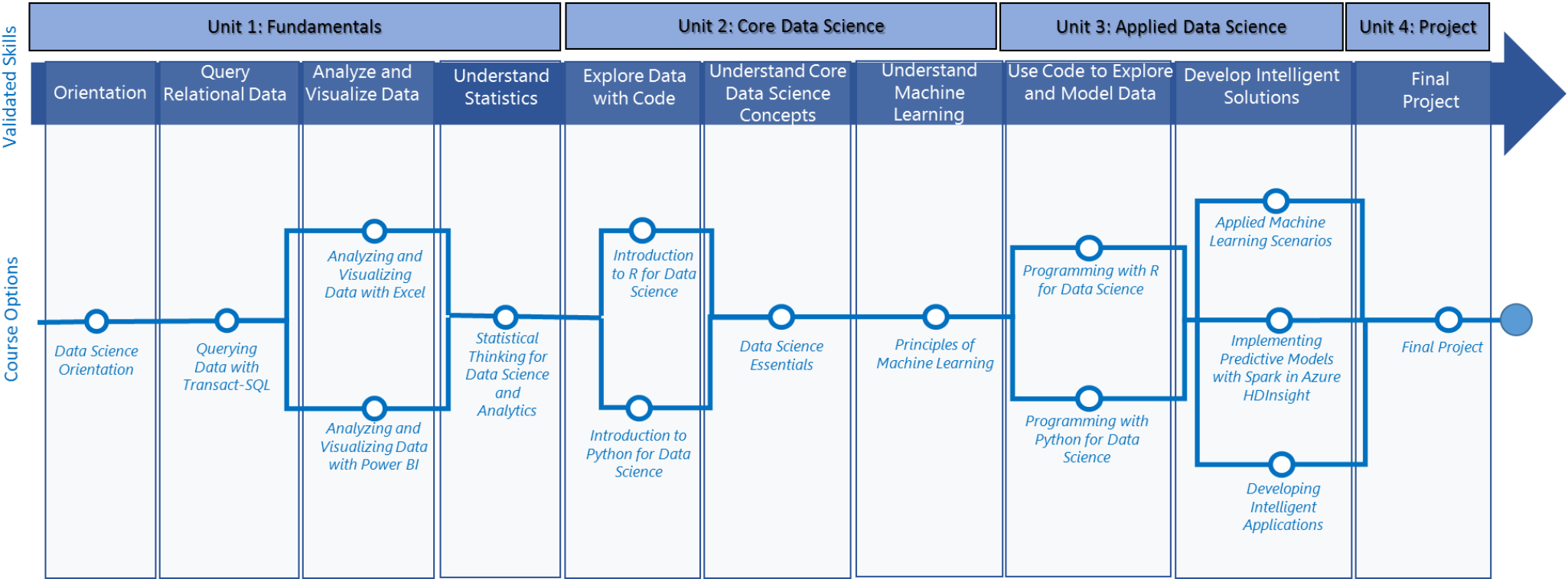


Data Science Curriculum from Microsoft

Recommended Study Path

The diagram below represents the recommended path to complete the data science curriculum. Start at the left, and complete each unit until you reach the end of the curriculum at the right. Each stop along the path represents a course that you must complete successfully in order to validate the skills listed along the top. For some skills, more than one course is available; and for these skills you must complete any one of the available courses.



Course Schedule

Course	First Run	Second Run	Third Run	Fourth Run
DAT101x: Data Science Degree Orientation	May 16 th 2016 – Jun 24 th 2016	Jul 4 th 2016 – Jan 20 th 2017		
DAT201x: Querying with Transact-SQL	May 23 rd 2016 – Jul 1 st 2016	Jul 11 th 2016 - Aug 19 th 2016	Aug 29 th 2016 – Oct 7 th 2016	Oct 17 th 2016 – Nov 25 th 2016
DAT206x: Analyzing and Visualizing Data with Excel	May 30 th 2016 – Jul 8 th 2016	Jul 18 th 2016 – Oct 26 th 2016	Sep 5 th 2016 – Oct 14 th 2016	Oct 24 th 2016 – Dec 2 nd 2016
DAT207x: Analyzing and Visualizing Data with Power BI	May 30 th 2016 – Jul 8 th 2016	Jul 18 th 2016 – Oct 26 th 2016	Sep 5 th 2016 – Oct 14 th 2016	Oct 24 th 2016 – Dec 2 nd 2016
DS101x: Statistical Thinking for Data Science and Analytics*	May 16 th 2016 – Jan 20 th 2017			
DAT204x: Introduction to R for Data Science	Jun 13 th 2016 – Jul 22 nd 2016	Aug 1 st 2016 – Sep 9 th 2016	Sep 19 th 2016 – Oct 28 th 2016	Nov 7 th 2016 – Dec 16 th 2016
DAT208x: Introduction to Python for Data Science	Jun 13 th 2016 – Jul 22 nd 2016	Aug 1 st 2016 – Sep 9 th 2016	Sep 19 th 2016 – Oct 28 th 2016	Nov 7 th 2016 – Dec 16 th 2016
DAT203.1x: Data Science Essentials	Jun 20 th 2016 – Jul 29 th 2016	Aug 8 th 2016 – Sep 16 th 2016	Sep 26 th 2016 – Nov 4 th 2016	Nov 14 th 2016 – Dec 23 rd 2016
DAT203.2x: Principles of Machine Learning	Jun 27 th 2016 – Aug 5 th 2016	Aug 15 th 2016 – Sep 23 rd 2016	Oct 3 rd 2016 – Nov 11 th 2016	Nov 21 st 2016 – Dec 30 th 2016
DAT209x: Programming with R for Data Science	Jul 4 th 2016 – Aug 12 th 2016	Aug 22 nd 2016 – Sep 30 th 2016	Oct 10 th 2016 – Nov 18 th 2016	Nov 28 th 2016 – Jan 6 th 2017
DAT210x: Programming with Python for Data Science	Jul 4 th 2016 – Aug 12 th 2016	Aug 22 nd 2016 – Sep 30 th 2016	Oct 10 th 2016 – Nov 18 th 2016	Nov 28 th 2016 – Jan 6 th 2017
DAT203.3x: Applied Machine Learning		Aug 29 th 2016 – Oct 7 th 2016	Oct 17 th 2016 – Nov 25 th 2016	Dec 5 th 2016 – Jan 13 th 2017
DAT202.3x: Implementing Predictive Analytics with Spark in Azure HDInsight	Jul 11 th 2016 – Aug 19 th 2016	Aug 29 th 2016 – Oct 7 th 2016	Oct 17 th 2016 – Nov 25 th 2016	Dec 5 th 2016 – Jan 13 th 2017
DAT211x: Developing Intelligent Applications	Jul 11 th 2016 – Aug 19 th 2016	Aug 29 th 2016 – Oct 7 th 2016	Oct 17 th 2016 – Nov 25 th 2016	Dec 5 th 2016 – Jan 13 th 2017
DAT102x: Final Project	Jul 18 th 2016 – Aug 26 th 2016	Sep 5 th 2016 – Oct 14 th 2016	Oct 24 th 2016 – Dec 2 nd 2016	Dec 12 th 2016 – Jan 20 th 2017

Enrollment for each course (other than DS101x) opens two weeks before the start date, and closes one week before the end date.

*DS101x is a 3rd party course offered by an institution other than Microsoft. Students must enroll in and complete this course, and submit their verified certificate to Microsoft in order to complete the curriculum.