



Microsoft: DAT210x Programming with Python for Data Science

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Assignment 1

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Lab Assignment 1

Pick any game you know a decent amount about. It might be American football, soccer, ping-pong, rock-paper-scissors, Yoruba Ayo, League of Legends, Dungeons and Dragons, your job (if it's fun)—anything! As long as you are intimately familiar with it.

Open up the /DAT210x/Module2/**assignment1.xls** file located the course repo. If you don't have Excel, the document looks like this:

	A	В	С		D
1	Feature Name	Туре	Class	Description	
2				▼	
3		Numeric		₩	
4		Textual		▼	
5				▼	
6			∀		
7			Continuous		
3			Ordinal		
9			₩		
0			Nominal		

• 3. Exploring Data	Notice how the Type column can only be <i>Numeric</i> or <i>Textual</i> , and the Class column can only be <i>Continuous</i> , <i>Ordinal</i> , or <i>Nominal</i> .			
• 4. Transforming Data	Assuming you wanted to create a dataset that would hold various statistics about players playing the			
▶ 5. Data Modeling	game you choose, come up with at least seven features of various type and class.			
▶ 6. Data Modeling II	Lab Question			
▶ 7. Evaluating Data	1 point possible (graded) Have you completed the above assignment?			
► Course Wrap-up	up O No			
	O Yes			
	Submit You have used 0 of 2 attempts			

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