Data Analytics KSAs for Curriculum Alignment

	4. Data Manipulation					
	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level?	Cross-cutting KSAs	Course Number/Name	Learning Outcome
a	Explain the purpose and benefits of an API.	Knowledge	2			
b	Explain potential uses and applications of data manipulation tools given a source and type of data.	Skill	2			
c	Perform basic data manipulation using appropriate tools and software.	Skill	3	Generalist 3a, Machine Learning 4f		
d	Create and edit simple data structures and storage, understanding how version control affects each.	SKill	2	Generalist 3b		