

CoLAB Digital Tech Credential
Generalist KSAs for Curriculum Alignment

5. Data Ethics						
	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level	Cross-cutting KSAs	Course Number/Name	Learning Outcome
a	Identify how global legal, policy and/or ethical constraints might impact data analyses.	Knowledge	2	Data Analytics 8a, Machine Learning 5a		
b	Identify the established ethical and legal issues in data management facing organizations.	Knowledge	2	Data Analytics 8b, Machine Learning 5b, Data Management 3e		
c	Explain how ethical, compliance, and legal issues should/must be considered in data driven decision making.	Knowledge	1	Data Analytics 8c, Machine Learning 5c		
d	Explain the importance of personal privacy issues related to the collection and usage of data.	Knowledge	2	Data Analytics 8i, Machine Learning 5g, Data Management 3f		
e	Explain the important issues around data governance.	Knowledge	2	Data Analytics 1b, Machine Learning 5d		
f	Recognize potential sources of bias in data or analysis.	Knowledge	3	Machine Learning 5k, Data Management 3j		