PROGRAM STUDENT LEARNING OUTCOMES
24-25 Catalog Collection and Review

Program Information

Program Student Learning Outcomes
Upon completion of this degree from KSU, students will be able to:
x Students will be able to write code to perform data analytics using various statistical
programming languages.
x Students will be able to obtain, clean, process, and transform data for analysis utilizing
legacy and modern modeling approaches.
x Students will be able to apply fundamental statistical and analytical methods and
techniques to mine and visualize data for patterns and relationships.
x Students will apply the data science lifecycle steps to identify, build, and evaluate
appropriate models for a variety of data science tasks.
x Students will be able to interpret and effectively communicate decisions made,
approaches used and results to clients in a professional manner.
x Students will be able to identify and analyze social, legal, and ethical issues relating to
the use of data, models, and algorithms.
College: College of Computing and Software Engineering
Department: School of Data Science and Analytics
Program: Data Science and Analytics, BS