Smart Data Analytics Challenge 2018

Use these judging guidelines in choosing winners of the challenge.

1.) IMPACT POTENTIAL 20% OF SCORE

Does the analysis seek to address a problem or answer a question that subject matter experts in the topic area currently experience? How much impact can the insights from the data analysis have on solving the problem or answering the question?

Teams should clearly show how their analysis responds to actual needs of the subject matter experts and how the insights from the analysis are new and different from what is currently available.

2.) TECHNIQUE & METHOD 25% OF SCORE

Is the analytical method valid and appropriate to the question being answered? Did the team take a logically and scientifically sound approach to the analysis? Were quality techniques were used to add value to and draw conclusions from the data? Is the data utilized appropriate to represent the content of the issues and their solution?

Judging will be based on whether the analysis was technically sound and used innovative, comprehensive but efficient, and appropriate analytical methods, tools, data and resources.

3.) FEASIBILITY 20% OF SCORE

Is the analysis complete? Could it be implemented by subject matter experts? What special expertise is required to implement it? Would there be any scaling issues based on the technology or data used to larger data sets or new information in the future? What level of resources will be required to implement the analysis at scale?

Teams must explain how further resources could advance the analysis and insights. Judging will also review the availability of the data used.

4.) PRESENTATION 10% OF SCORE

Did the team successfully and persuasively explain how their data analysis will deliver insights to a subject matter expert using public data? Was the analysis cleanly documented? Was any work provided clearly explained? Is the final output easily digestible by the target audience and does it convey the message with minimal to no additional interpretation?

Use their powerpoint in their repo as a "Virtual Presentation" to determine how easy is it for you to understand their concept, analysis and results. When necessary, look further into their repo to see details that the reference in their powerpoint slides.

5.) USE OF DATA SOURCES 25% OF SCORE

Has the team used multiple public data sets from the State of Colorado? Has the team added value to the public data and cogently used it as part of the analysis to draw conclusions?

Ideally teams will use public data sets from the Colorado Information Marketplace, although other state public data may be used. Teams must provide descriptions of the data used, data sources and methods for obtaining and preparing the data for analysis.