**Tutorial 1 – Data Science Overview**

**Submit the answer on Spectrum Submission Space.**

1. What message did you gain from the video ["Data Science: Where are We Going?" by Dr. DJ Patil]?
2. Familarize yourself with DIKW pyramid by referring to the following link: <http://knowmgt.blogspot.com/2007/10/dikw-model.html>

Provide a holistic example on how data can move up to the next three levels.

1. Digest a few definitions on data science and then come up with your own definition.
2. Data science process or methodology is a multi-step process. In general, data science works this way: formulate problem 🡪 obtain data 🡪 analysis 🡪 produce data product.

You have seen 4 DS process from week 1 lecture. Identify ONE different DS process and cite the source.

1. Distinguish between data analysis, data analytics and data mining. Illustrate how these three related to each other.
2. Present an interesting infographic on data science.

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