**Instructions:**

* **Make a copy of this, work on your copy**
* **Try to attempt all the questions**
* **Feel free to discuss your doubts during the live class**
* **Be active in learners forum/community - enable peer learning by helping each other in solving worksheet questions.**
* **After completion of the worksheet, upload it to LMS (as instructed)**

**1. Research and Present the case study of your choice (sales analytics, marketing analytics, product analytics etc..) from which an organization would have gained positive results. - A case study on Data analytics implementation and results.**

**NOTE: (Presentation template will be provided by us, Please use this -**<https://docs.google.com/presentation/d/1nPGg9VONyWagtIyJ6Ld7sALgedL8AEgm/edit?usp=sharing&ouid=106542588285632200294&rtpof=true&sd=true>

**2. From the dataset provided, write SQL commands and attach the output snippet for the following commands:**

**Dataset:**<https://docs.google.com/spreadsheets/d/1CzBXyy_mpFmGVBK76uxZSqmGt_AZ6WAI/edit?usp=share_link&ouid=106542588285632200294&rtpof=true&sd=true>

1. **Return student name and the country they belong to**
2. **List the student’s phone number belonging to the country “Kent”**
3. **How many different schools have participated in this survey?**
4. **Can you group the students country-wise and count the number of students coming from those different countries?**

**TO-DO: Think of any other useful outcome that we can draw from the given dataset.**

**3. Perform descriptive analysis on the given dataset using Excel commands.**

**Dataset:**<https://docs.google.com/spreadsheets/d/1WDFPfBzijFZs2wOBLM5xMgVUjjmmvWkY/edit?usp=sharing&ouid=106542588285632200294&rtpof=true&sd=true>

1. **Calculate the average points per game for LeBron James.**
2. **What is the mode for the number of games played by the team members on the Lakers?**
3. **Calculate the median minutes per game for these players.**
4. **Calculate the standard deviation of total points for the entire team.**
5. **Which is the appropriate measure for the central tendency for the number of minutes per player on this team?**
6. **Plot the column chart to show every player's game points.**

**Please download the assignment and answer all questions accordingly.**