**PAL SESSION PLANNING SHEET**

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|  | **PAL Leader(s):**  **Gabriel Mastrangelo Canuto** | | | | | | | **Date:**  **19/01/2022** |
|  | **Course & Instructor:**  **BADM 210 George Nikolov** | | | | | | | **Week #: 3, session 5** |
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| **OBJECTIVES:** *What does the group most need to get out of this session?*: | | | | | | | | |
| * Starting Chapter 3   + Compute and interpret the range, mean deviation, variance and standard deviation.   + Explain and apply Chebyshev's theorem and the Empirical Rule.   + Compute and interpret the coefficient of skewness and the coefficient of variation.   + Using the calculator to compute mean, median, variance, standard deviation | | | | | | | | |
| **FACILITATION CHECKLIST:** | | | | | | | | |
| Check PAL Leader manual, activity cards and session archives for inspiration to plan session.  If co-facilitator, decide who will plan and lead each activity. What support do you need from your co-facilitator?  Prepare your PowerPoint PAL session document and/or handout.  Check for accessibility & compatibility.   Promote your session!  Online Tools: [Kahoot](https://kahoot.com/), [Padlet](https://padlet.com/), [Flippity](https://www.flippity.net/), [Mentimeter](https://www.mentimeter.com/), etc.. | | | | | | | | |
| **PAL Leader** | **OPENING ACTIVITY:**(*Consider the time of the semester, numbers anticipated, proximity of tests, etc.)* | | | | | | | |
| **10min** | **Personal question**   * **What do you want to work with in the future?** * **Tell us a hobby**   **Showing the plan for the session** | | | | | | | |
|  | **ACTIVITY 1: Seeing how to compute the Mean and Standard Deviation in the calculator** | | | | | | | |
|  | **Content/Concept** | | | **Activity**  *Align learning strategy to content; provide instructions for participants* | | **Collaborative Technique**  *How will participants work on this task together?* | | |
| 50min | Calculate mean, median, variance and standard deviation in the calculator | |  | | | | Collaborative group solving and correction. | |
|  | **ACTIVITY 2: Solving Exercises** | | | | | | | |
|  | **Content/Concept** | | | **Activity**  *Align learning strategy to content; provide instructions for participants* | | **Collaborative Technique**  *How will participants work on this task together?* | | |
| 50min | Exercises are in an Excel File  59 – Coefficient of Variation  63 – Mean, Median, SD  91 – SD, Coeff Var | | The exercise will be provided, and the students will be allowed to solve it on their own or in groups. But I will encourage them to work in groups. After that, they will come up with the solutions for the exercises, and we will correct them together. | | | | Collaborative group solving and correction. | |
|  | **CLOSING ACTIVITY:** | | | | | | | |
| 20min | Visualization of the Standard Deviation in a real dataset  Asking for feedback | |  | | | |  | |

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| **POST-SESSION REFLECTION:** |
| Take 3-5 minutes to briefly summarize your session. You may address any of these questions:   * What went well? * What didn’t? * What did people say? * What would you do differently next time? * What content / learning strategies will you cover in your next session? |
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