

FIVE LAYERS OF RESEARCH DESIGN

Build each layer from the bottom to the top

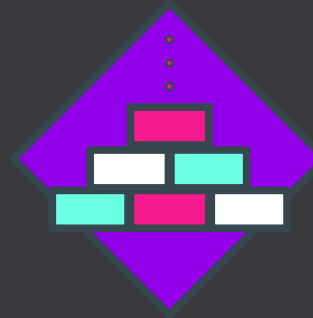
5 - SURFACE

- Based on the **skeleton** below, develop a clear and concise presentation.
- Choose a point of view.
- Check and recheck grammar.
- Format references for the target publication.



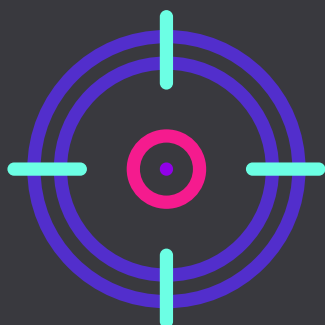
4 - SKELETON

- Given the **structure** below, determine the best way to distribute your results.
- Choose the type of report and format.
- Design appropriate tables
- Plot important results



3 - STRUCTURE

- Use the **scope** below to determine the best study methodology.
- Format a null and alternative hypothesis.
- Choose the test statistic
- Check the EBM pyramid to help choose the study design



2 - SCOPE

- Use the **strategy** below to determine the breadth of the research
- Make sure to determine the:
 - P - Population
 - I - Intervention
 - C - Comparator
 - O - Outcomes



1 - STRATEGY

- Set down your goals as a researcher.
- Understand what your readers want.
- Ask yourself two questions:
 - 1 - What am I trying to prove?
 - 2 - Who cares?