**ANALYSIS REPORT**

Number 1 draft pick and their impact

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**Requirements, constraints, and scope**

**FUNCTIONAL REQUIREMENTS**

-Presented in an infographic form

-Includes a combination of text, pictures, and graphs

-Must support or refute the research question

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**NON-FUNCTIONAL REQUIREMENTS**

-Data is presented grouped in a way that makes sense

-There is a consistent colour scheme throughout the infographic

-All graphs follow standard conventions

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**DATA REQUIREMENTS**

-Ladder placement of team the year before and the year they received the 1st draft pick for the last 20 years

-Individual performance statistics for each 1st draft pick for the last 20 years

-Public opinion as to whether 1st draft pick helps improve an AFL team

**CONSTRAINTS**

-Must be completed by a certain time (economic)

-Must be made on school Mac (technical)

-Any data collected from people must be de-identified and follow privacy laws (legal)

**SCOPE**

-The infographic will present all the useful data collected using a range of text, graphs, and pictures. It will clearly support or refute the research question through the data and graphs. All information will be presented in an easy to interpret way, based on accurate data from the last 20 years, and provide the audience with a full understanding of the topic. The solution however will not include data that is more than 20 years old because there is a chance it may become unreliable depending on the source.

**Critical and creative thinking**

**FUNCTIONAL REQUIREMENTS**

-Presented in an infographic form

-Will the reader be able to have a clear understanding of the topic by looking at the presentation?

-Ensure that there is data to cover anything that the reader might be thinking

-Includes a combination of text, pictures, and graphs

-Does the solution include a variety of data types?

-Ensure there is at least one of each data type

-Must support or refute the research question

**NON-FUNCTIONAL REQUIREMENTS**

-Data is presented grouped in a way that makes sense

-Is data presented in a way that is not just random and mixed up?

-group data into groups that are related to each other

-There is a consistent colour scheme throughout the infographic

-Does the infographic follow a consistent colour scheme?  
 -Ensure that all graphs and text is formatted to follow a colour scheme

**DATA REQUIREMENTS**

-Ladder placement of team the year before and the year they received the 1st draft pick for the last 20 years

-Does the ladder placement show a clear improvement?

-Take note of the placement of the team the year before they received the

1st draft pick and the year they were drafted

-Individual performance statistics for each 1st draft pick for the last 20 years

-Does the 1st draft pick perform well that year

-Compare the 1st draft picks performance to other players on their team that year

- Public opinion as to whether 1st draft pick helps improve an AFL team

-Does the public believe that a 1st draft pick helps to improve an AFL team

-Create a survey for people to answer