

The background is a dark grey or black canvas filled with various colorful, hand-drawn style lines and shapes. These include straight lines, curves, loops, and geometric forms in shades of blue, purple, yellow, orange, and red. Some shapes resemble stylized letters or symbols, like a large 'R' or 'P' in the bottom right. The overall effect is a vibrant, abstract pattern.

## Team Jaguar

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# READABILITY OF FONTS

Let's examine whether specific fonts  
truly enhance readability!



# LEARNING OBJECTIVES

## RESEARCH QUESTION

DO FONT TYPES HAVE AN IMPACT ON EYE-MOVING PATTERNS (SUCH AS FIXATION DURATION)?

## OBJECTIVE


To examine how specific font types influence fixating eye movements during reading, and consequently, affect overall readability.

## HYPOTHESIS

Font types that promote clear letter shapes and spacing will reduce the occurrence of fixating eye movements, thus enhancing readability

# VARIABLES FOR THIS PROJECT

## Experimental conditions (Independent variables)

- Font types (e.g. serif vs. sans-serif)
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## Eye Tracking measures (Dependent variables)

- Fixation Duration
- Reading speed
- Comprehension
- Regressive eye movements (number and duration)

### Choose representative fonts for each category:

- Serif Fonts: Times New Roman, Georgia, Garamond
- Sans-serif Fonts: Arial, Helvetica, Calibri