How to Choose a Project?
Data Science and AI/ML

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Agenda

1

Introduction

2

Systematic Process

3

Exercise

4

Q & A

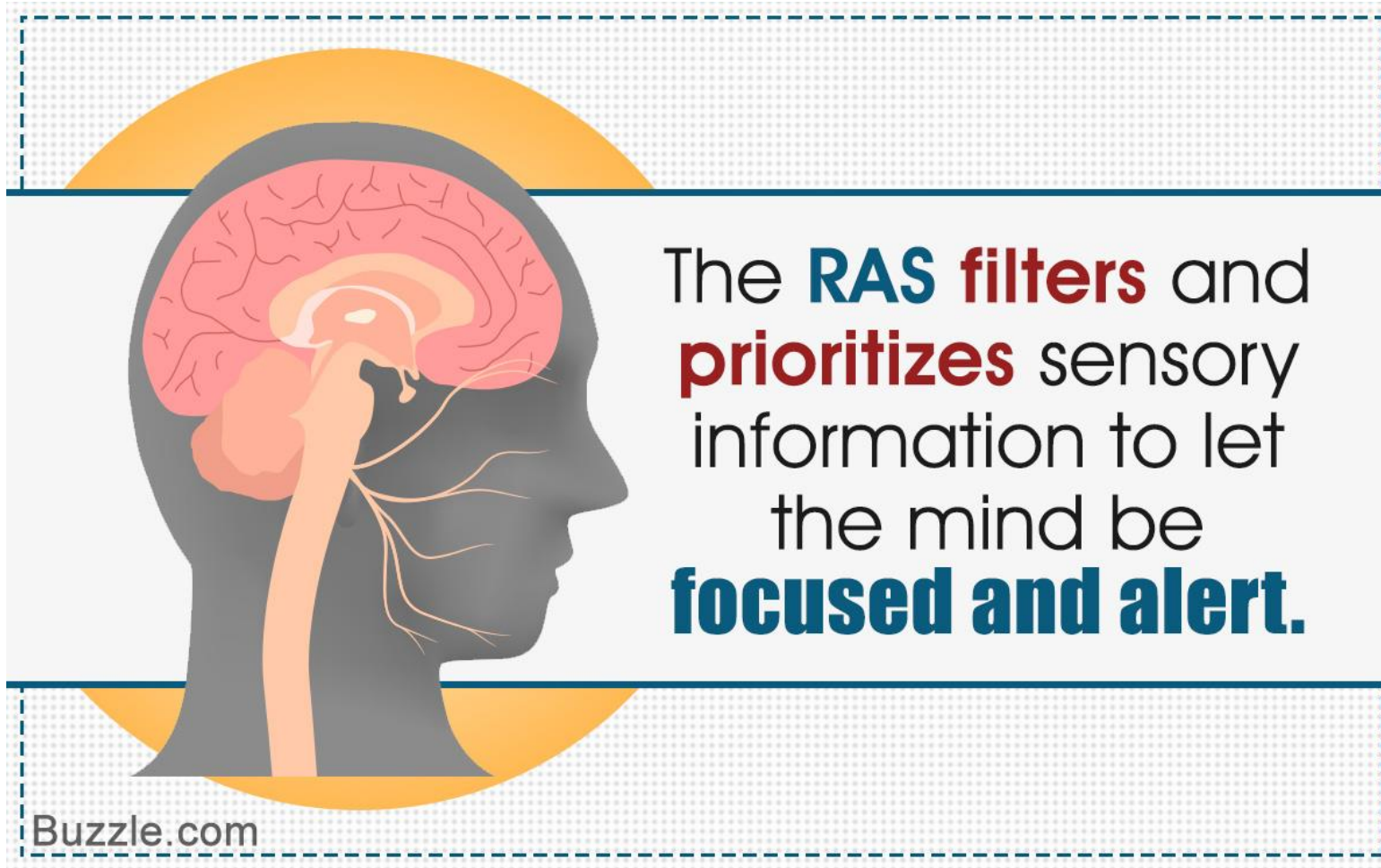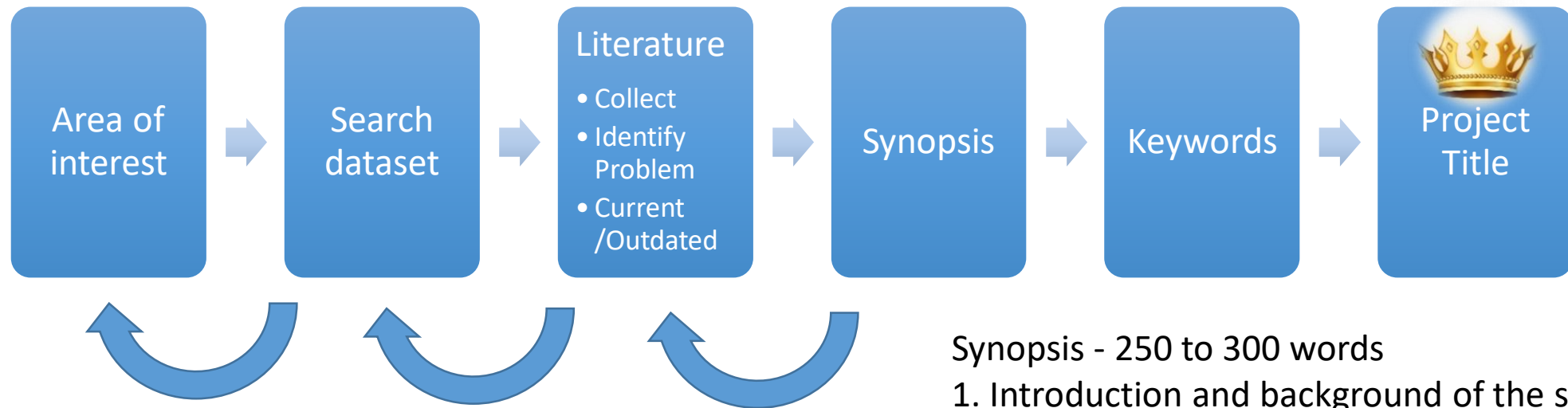# Project Title
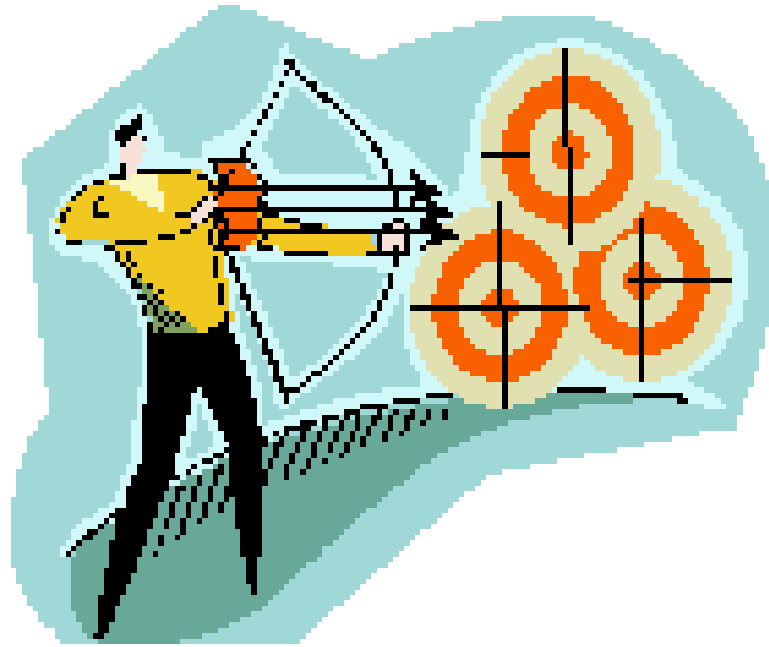
A clear project title means one target, one arrow.

Have you heard of Reticular Activating System (RAS) in your brain ?

The **RAS filters** and **prioritizes** sensory information to let the mind be **focused and alert.**

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Systematic Process

| Area of interest | → | Search dataset | → | Literature
• Collect
• Identify Problem
• Current /Outdated | → | Synopsis | → | Keywords | → | Project Title |

Synopsis - 250 to 300 words
1. Introduction and background of the study
2. Problems
3. Methods
4. Purpose
5. Expected results
6. Conclusions
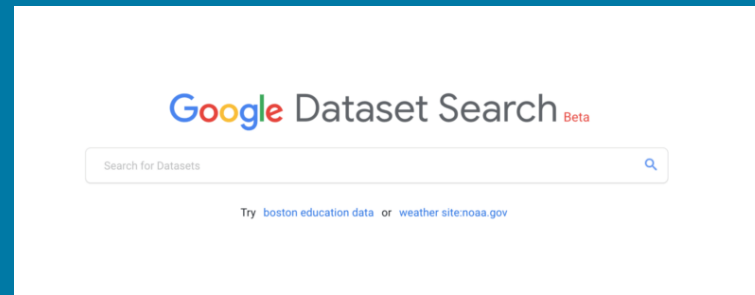
Exercise

1. Area of Interest	Education Data Mining
	➢ Program recommendation
	➢ Student performance ⬅
	➢ Student dropout
	➢ Student retention …etc

Exercise

2. Search Datasets

Education Data Mining – "Student Performance"

Exercise – Additional dataset source

2. Search Datasets

Exercise

3. Literature

Education Data Mining – "Student Performance"

Exercise

Education Data Mining – "Student Performance"

Exercise

3. Literature

Exercise

4. Synopsis

Education Data Mining – "Student Performance"

Adobe Acrobat Document

Read the given document, extract the keywords and suggest a suitable title.

Exercise

5. Keywords & 6. Title

Education Data Mining – "Student Performance"

What is the title?

Q & A

"Every project is an opportunity to learn, to figure out problems and challenges, to invent and reinvent."

- David Rockwell