The University of Texas at Austin
Texas Career Engagement

FEB, 2024

AI TOOLS FOR DAILY WORKFLOWS

Shagun Gupta, 4th year PhD Candidate

Biography

Name : Shagun Gupta

PhD Candidate : Operations Research and Industrial Engineering
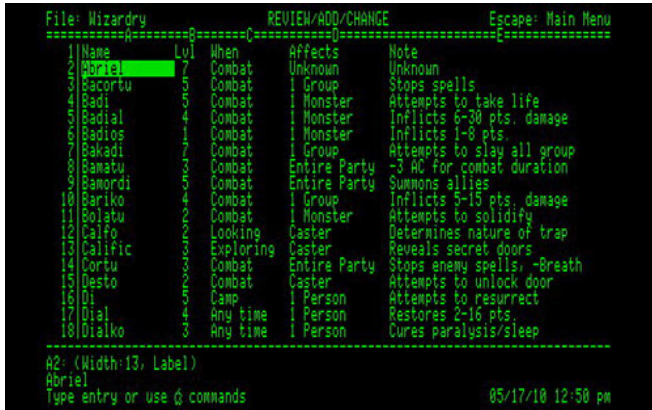
Website : shagun-g.github.io

Objectives

- Convince you the AI part of AI <u>Tools</u> should not be your focus

- How to use AI tools

- Examples of uses in daily graduate student life
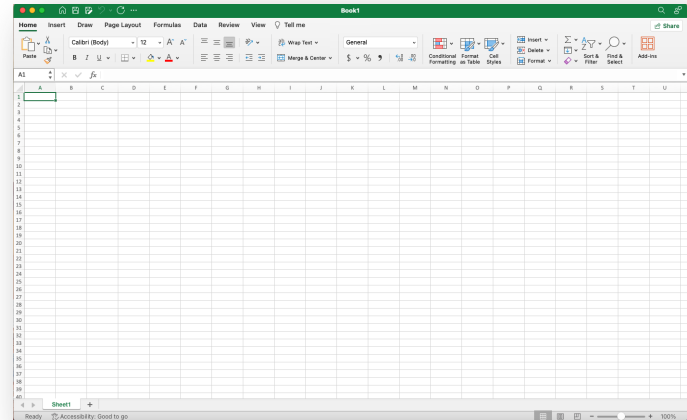
Spreadsheet Software

Apple II

Excel

Credits : https://www.apple2history.org/history/ah19/

Spreadsheet Software

- Do you know how it works?   No
- Can you use it?   Yes
- Is it useful?   Yes
- Do you need it?   ???

Difference Between AI and AI <u>Tools</u>

Difference Between AI and AI Tools

AI **Tools**

- Do you know how it works?   No
- Can you use it?   Yes
- Are they useful?   Yes
- Do you need it?   ???

Bottom Line

- AI <u>Tools</u> – Tools powered by AI

- They are extremely useful

- You should try them out

How not to use AI <u>Tools</u>
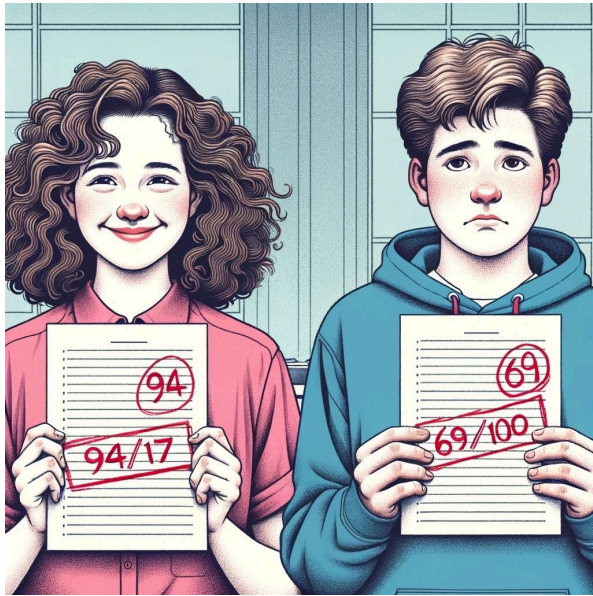
The image is depicts the following:

"Students are much happier when they receive 94 out of 137 points than when they receive 69 out of 100 points."

Credits : Prof Vas Taras,
Bryan School of Business and Economics at UNCG, LinkedIn Point

How to use AI <u>Tools</u>?

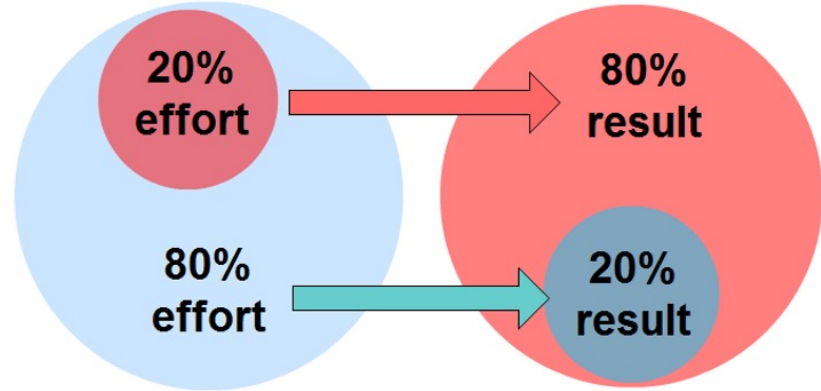<u>Always</u> check the result obtained from using AI <u>Tools</u>

How to use AI <u>Tools</u>?

Always check the result obtained from using AI <u>Tools</u>

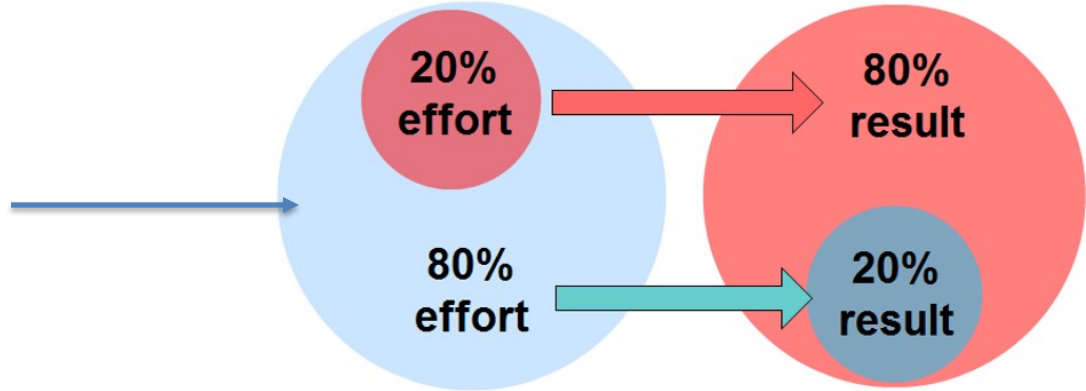<u>Don't</u> use AI <u>Tools</u> for easy/light tasks

The 80/20 rule

Credits : https://www.nextgenerationautomation.com/post/80-20-rule

The 80/20 rule

Use AI Tools to help in the 80%

20% effort → 80% result

80% effort → 20% result

Credits : https://www.nextgenerationautomation.com/post/80-20-rule

When to use AI tools?

- Replacement for Other Tools

- Tedious Tasks

- Rudimentary Application of Unknown Skills

The University of Texas at Austin
Texas Career Engagement

Live Demos