



AI in Business Operations

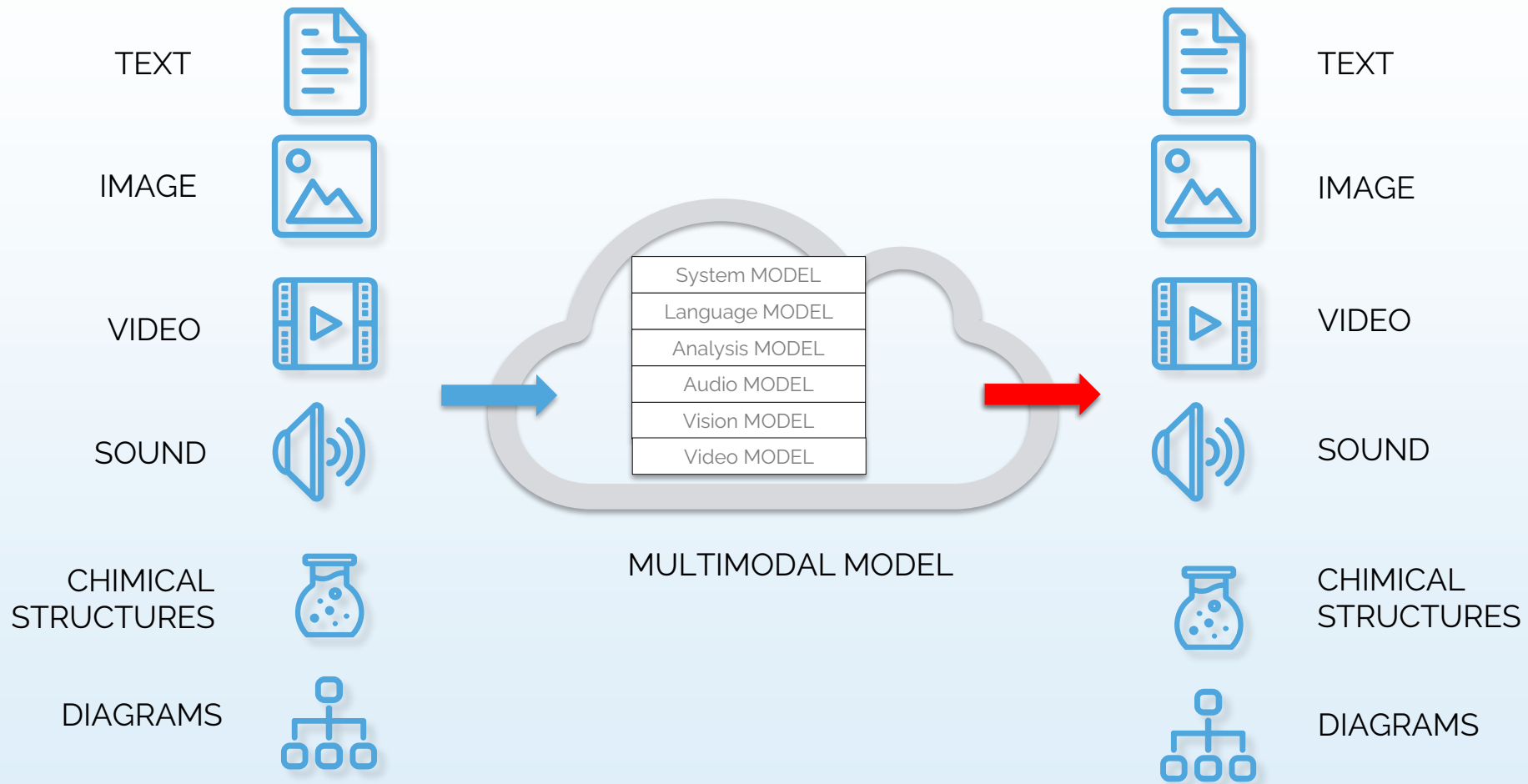
JACARANDA

February - 2025

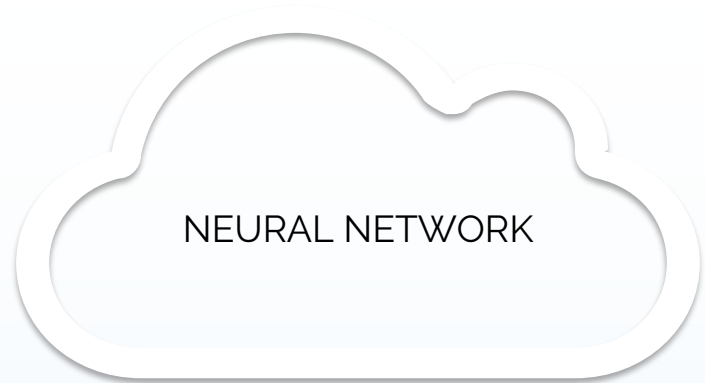
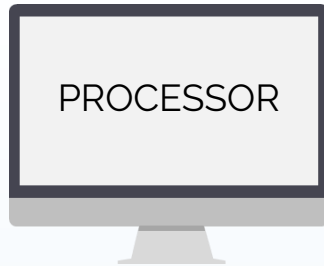


The history of human productivity is the history of delegating repetitive tasks to machines.





Step 1 Understand what is AI



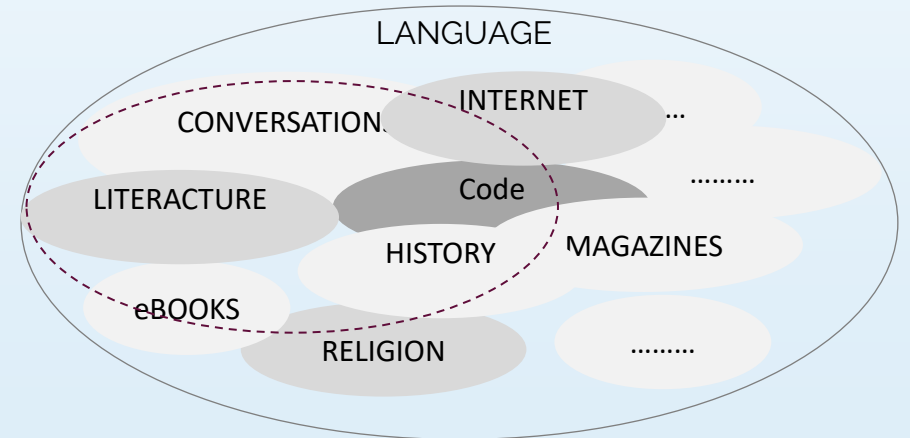
PROGRAMMABLE COMPUTERS

Operate with **NUMBERS**
Are **PROGRAMMED**

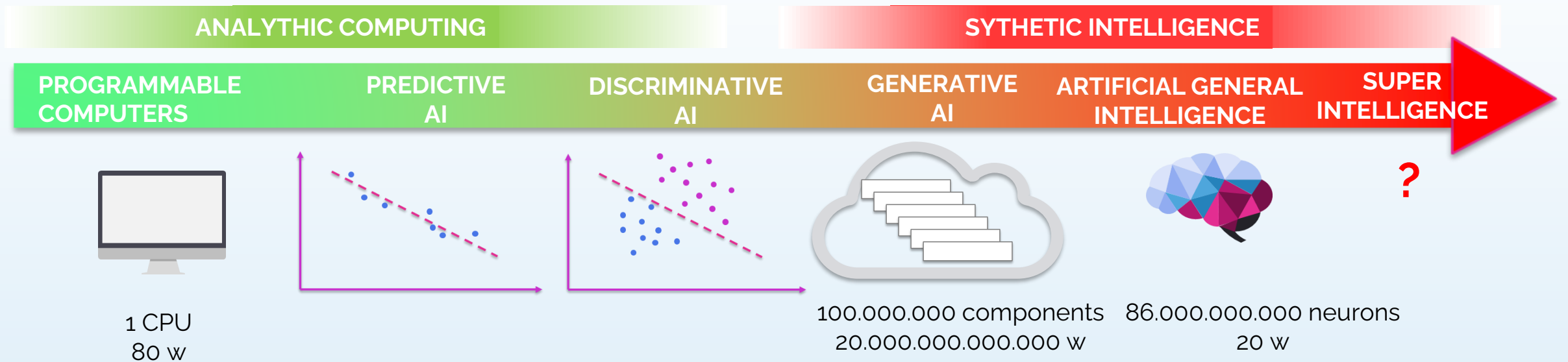
GENERATIVE ARTIFICIAL INTELLIGENCE

Operates with **TOKENS/WORDS**
Are **TRAINED**

```
1
2 // Quellcodebeispiel in C++
3
4 #include <cstdlib>
5 #include <iostream>
6
7 using namespace std;
8
9 int main(int argc, char *argv[])
10 {
11     int alter; // Variable vom Typ Integer
12
13     cout << "Wie alt bist du?";
14     cin >> alter;
15     cout << "Du bist " << alter << " Jahre alt" << endl;
16     getch();
17     return 0;
18 }
19
```



Step 1 Understand what AI can do



Develop real (i.e. functional) AI skills

EU AI Act

Enter keyword / search term...

AI Act | Recitals | Annexes | Key Issues | News | EU AI Act Risk Calculator

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The EU AI Act

The European Commission released the proposed Regulation on Artificial Intelligence (AI Act) on 21 April 2021. The Act is the first-ever legal framework that sets out harmonised rules for the development, placing on the market, and use of artificial intelligence in the European Union.

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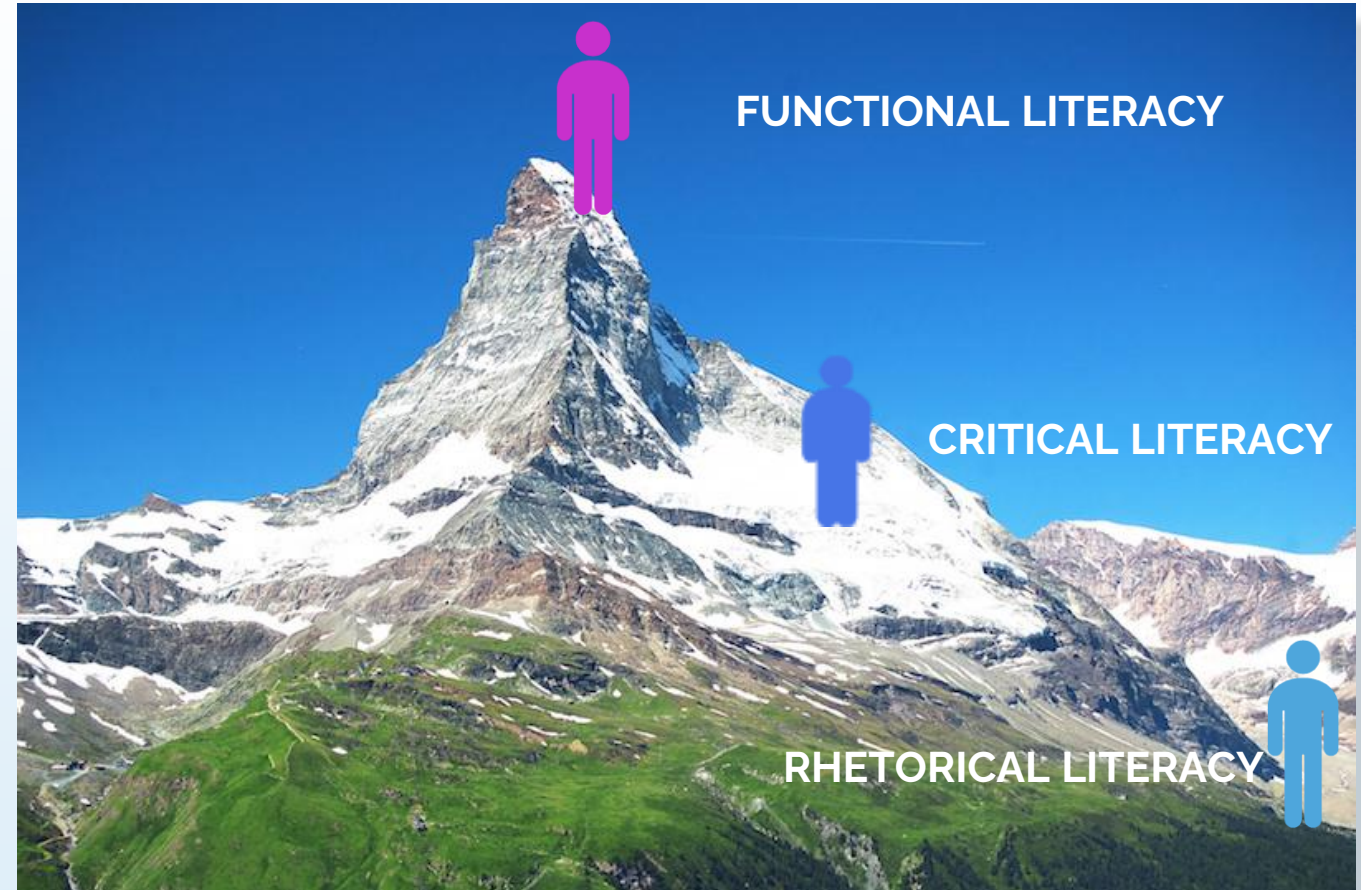
Quick Access

Chapter I	— Article 1, 2, 3, 4
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Article 4 AI Literacy

Updated on May 2nd 2024 based on the version and article numbering approved by the EU Parliament on May 14th 2024.

Providers and deployers of AI systems shall take measures to ensure, to their best extent, a sufficient level of AI literacy of their staff and other persons dealing with the operation and use of AI systems on their behalf, taking into account their technical knowledge, experience, education and training and the context the AI systems are to be used in, and considering the persons or groups of persons on whom the AI systems are to be used.



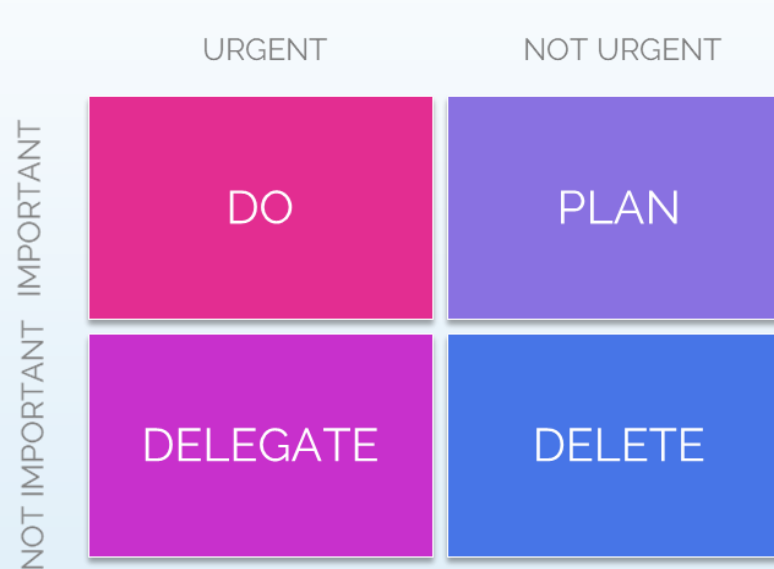
Learn to select AI tools that align with the nature of YOUR work

Tasks that require high speed

You need "man-power" to save time

AUGMENT PRODUCTIVITY

- DATA ANALYSIS
 - Streamline production
 - Predict demand
 - Reduce overstock
 - Reduce waste
- DOCUMENT PROCESSING



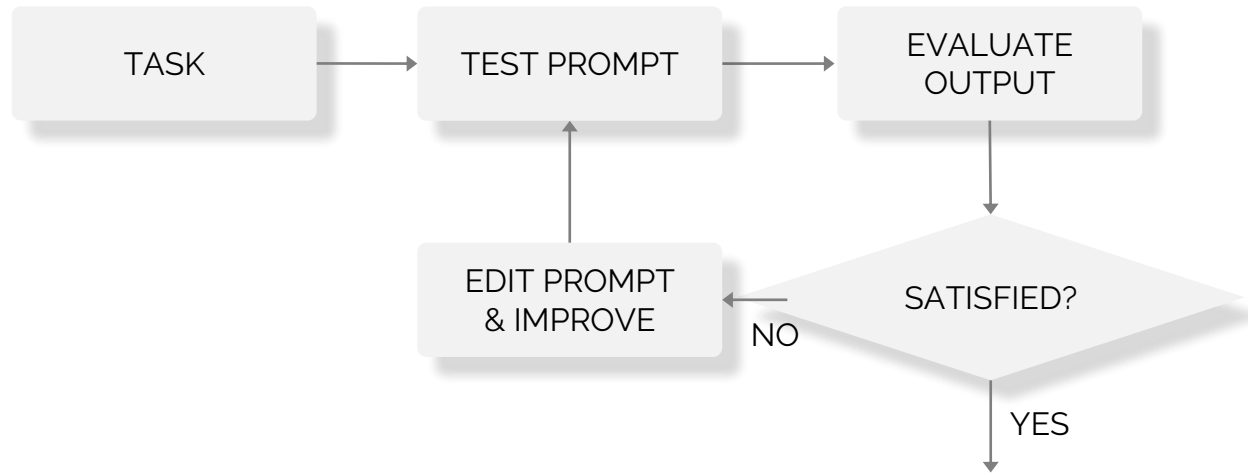
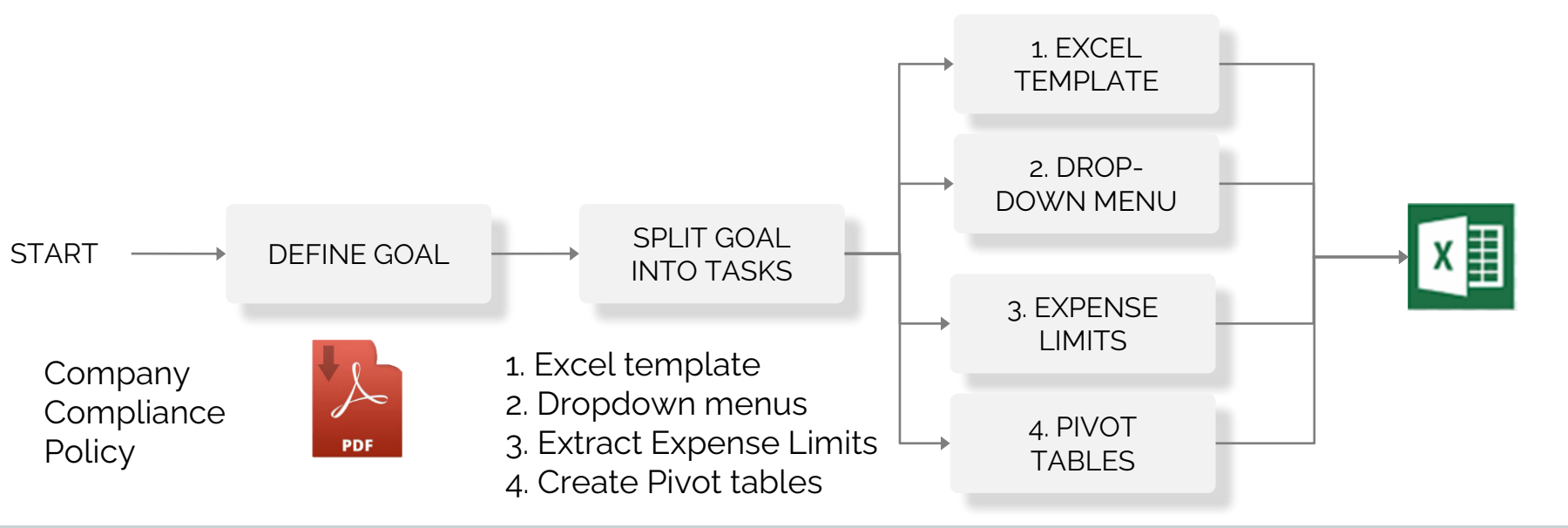
Tasks that require high expertise

You need "brain-power" for quality

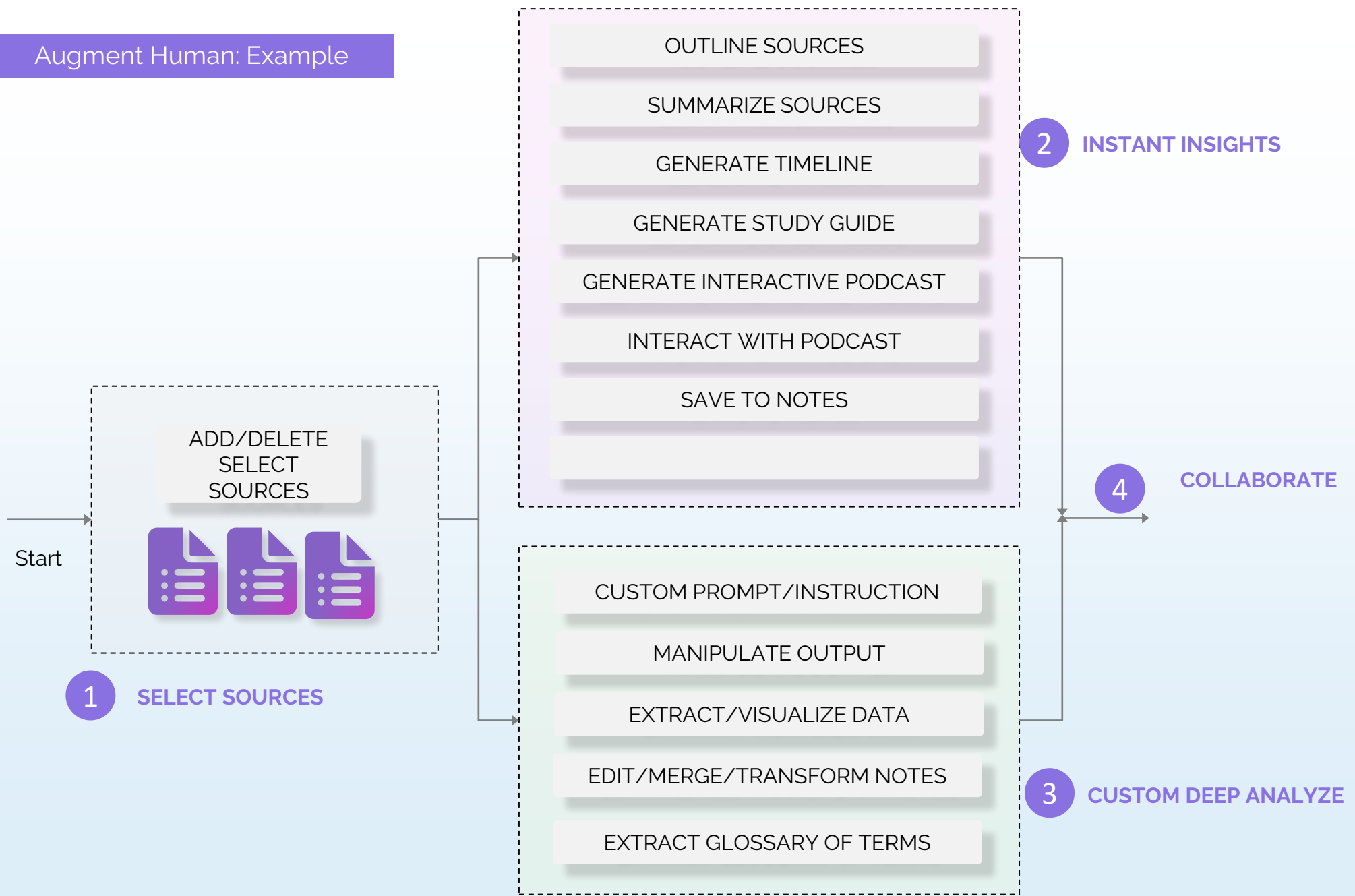
AUGMENT HUMAN

- AUGMENT CREATIVE TOUCH
- CONSISTENT STORYTELLING
- REDISCOVER MOTIFS
- REDISCOVER TECHNIQUES
- BRAINSTORMING
- SUPPORTIVE ROLE

Augment Productivity: Example



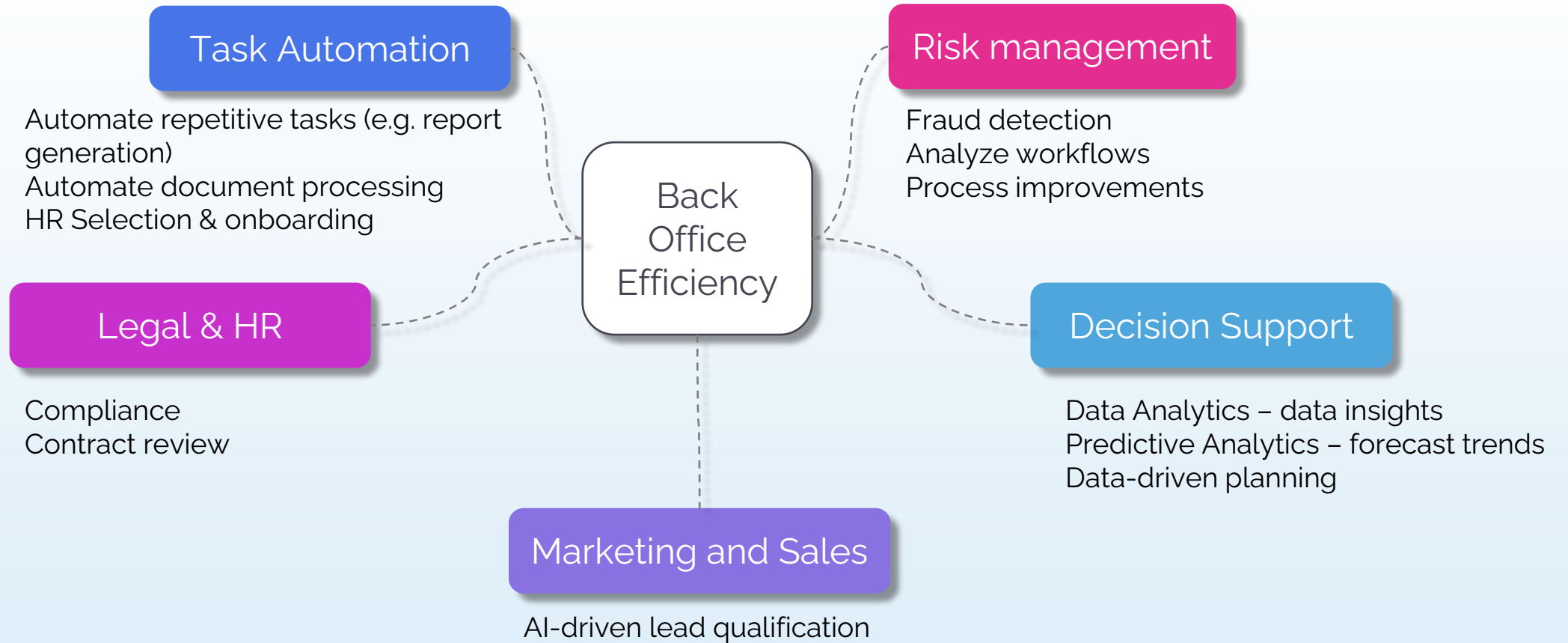
Augment Human: Example



DEEP RESEARCH



Augment Organization Productivity



Behavioral change and strategic execution is essential differentiator

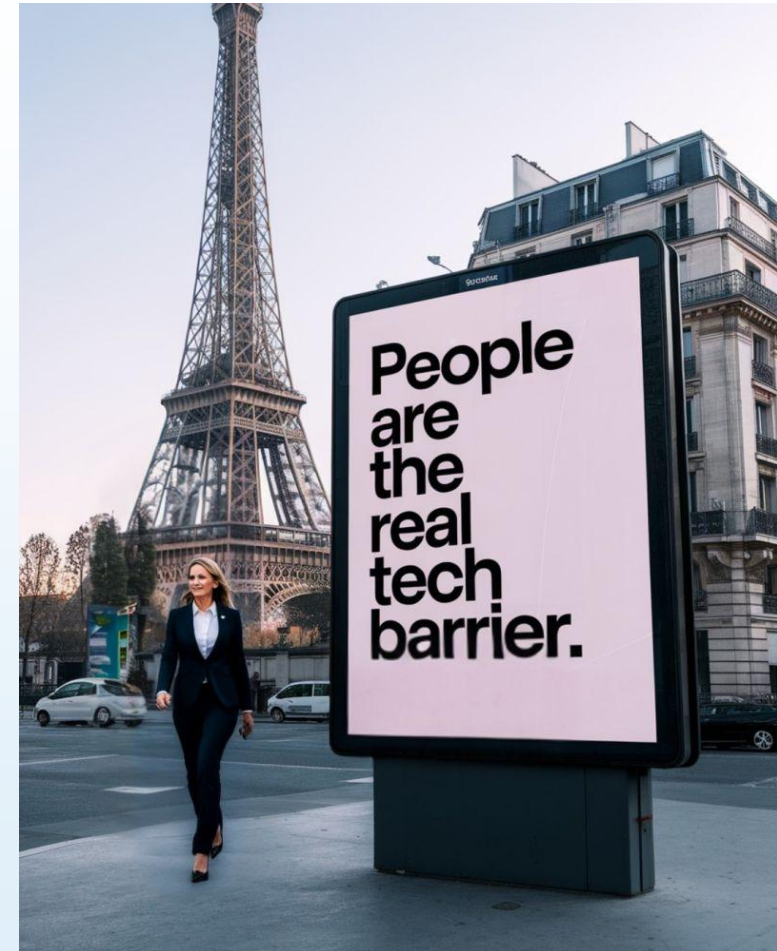
Fear and resistance (jobs, roles)

Leadership involvement (use AI visibly)

Immediate friction reduction (day-1 benefits)

Continuous habit-building training (ongoing, not one-time)

Critical role of middle managers (execution & support)





Stay connected!

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If you want to walk fast, walk alone.
But if you want to walk far, walk together