

# What are AI Agents?

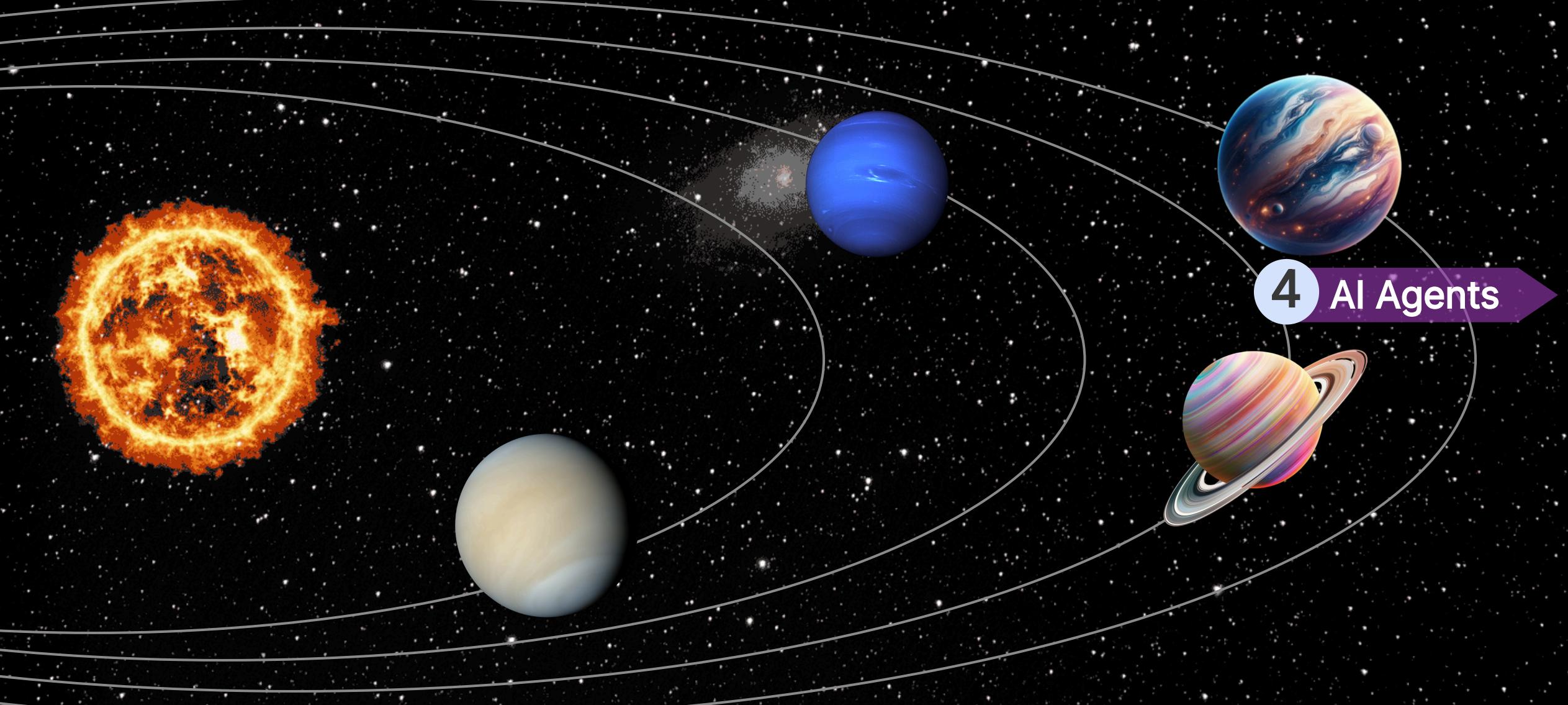
Instructor

Apoorv Vishnoi

Head - Training Vertical at Analytics Vidhya



# SOLAR SYSTEM : ANALOGY



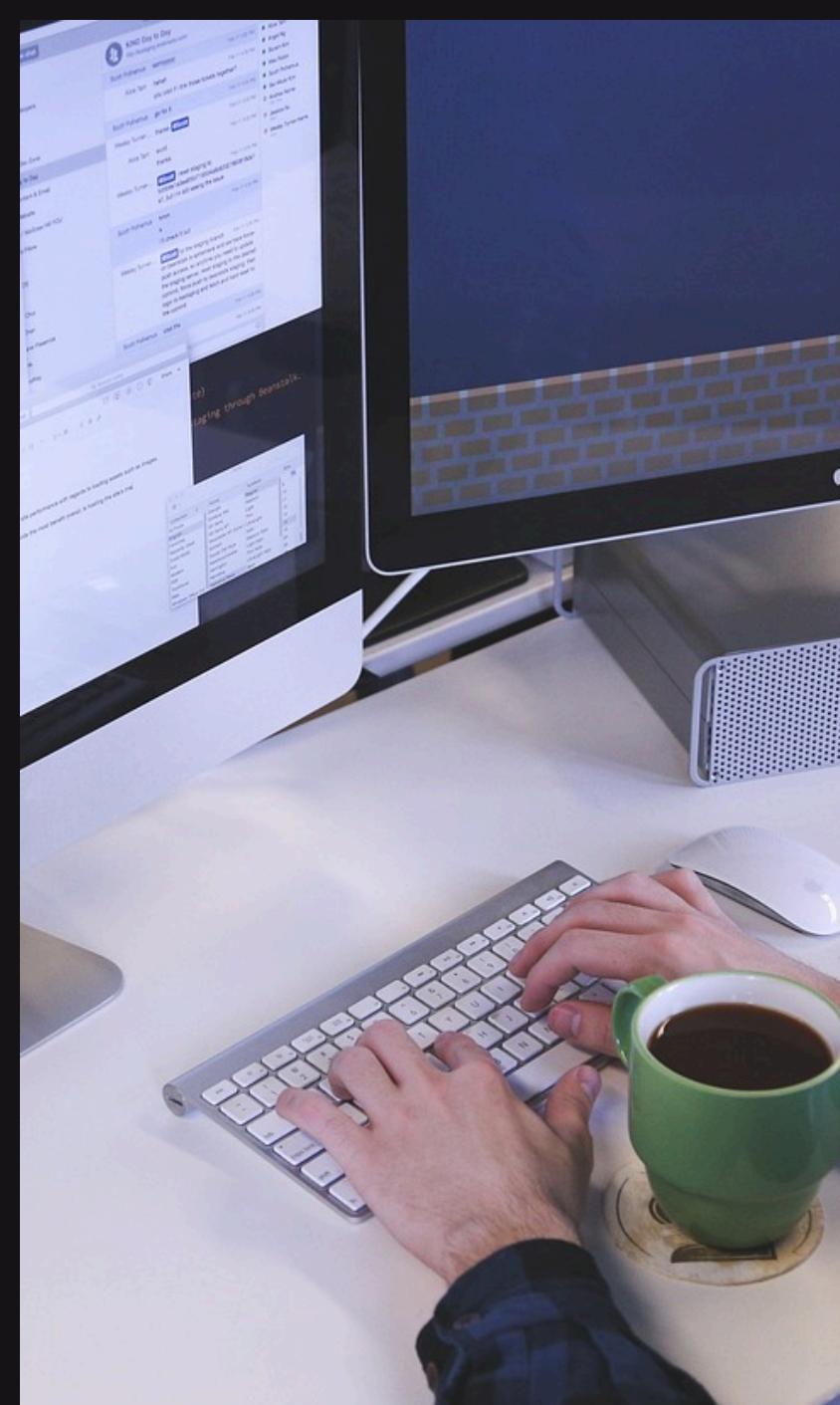
# FOURTH PLANET



## AI AGENTS

AI agents are smart systems that can do tasks on their own by interacting with the world around them.

# EXAMPLE : E-mail Management



Work emails

Marketing emails



Newsletter

Spams



# EXAMPLE

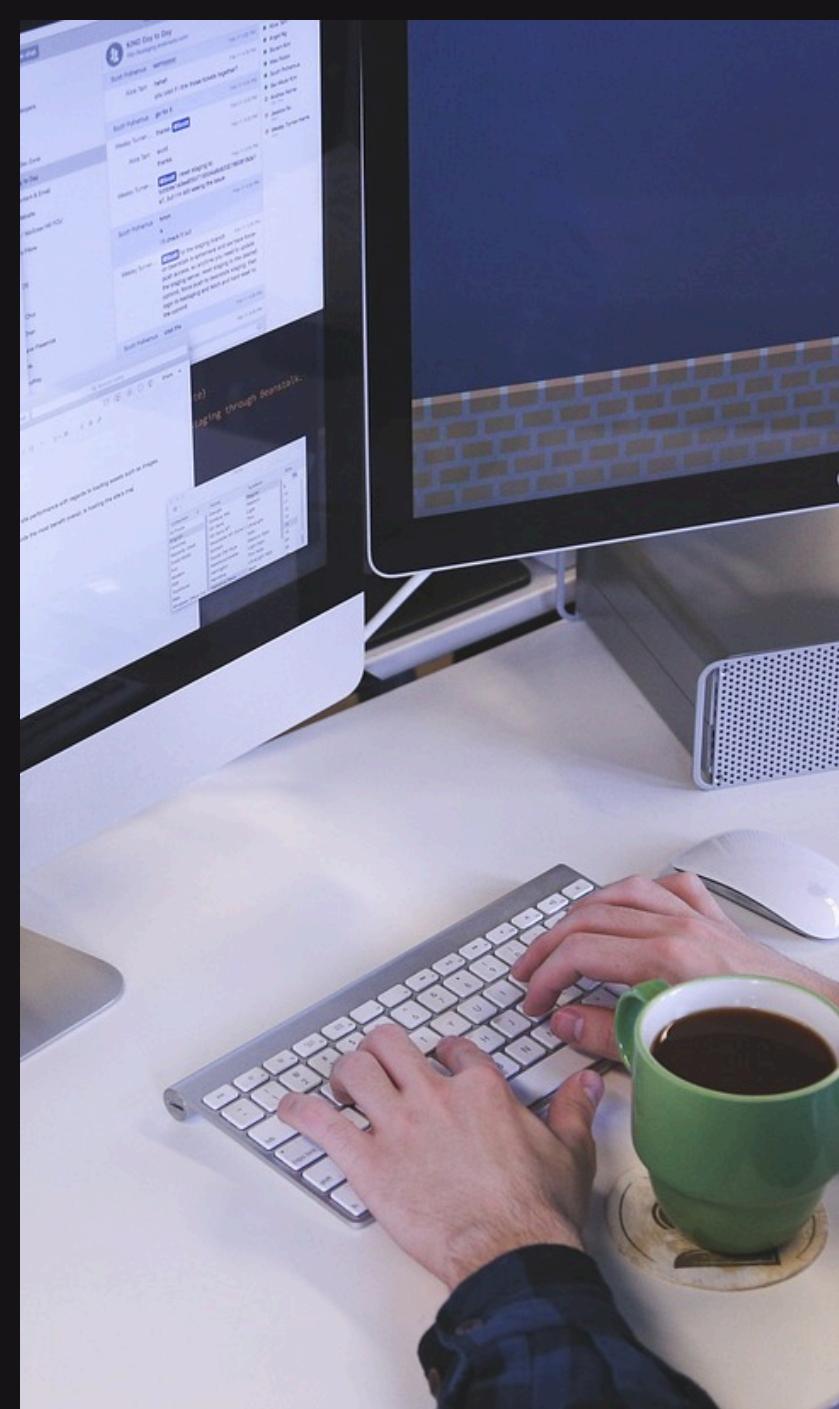
Work emails

Marketing emails



Newsletter

Spams



# EXAMPLE

Work emails

Marketing emails



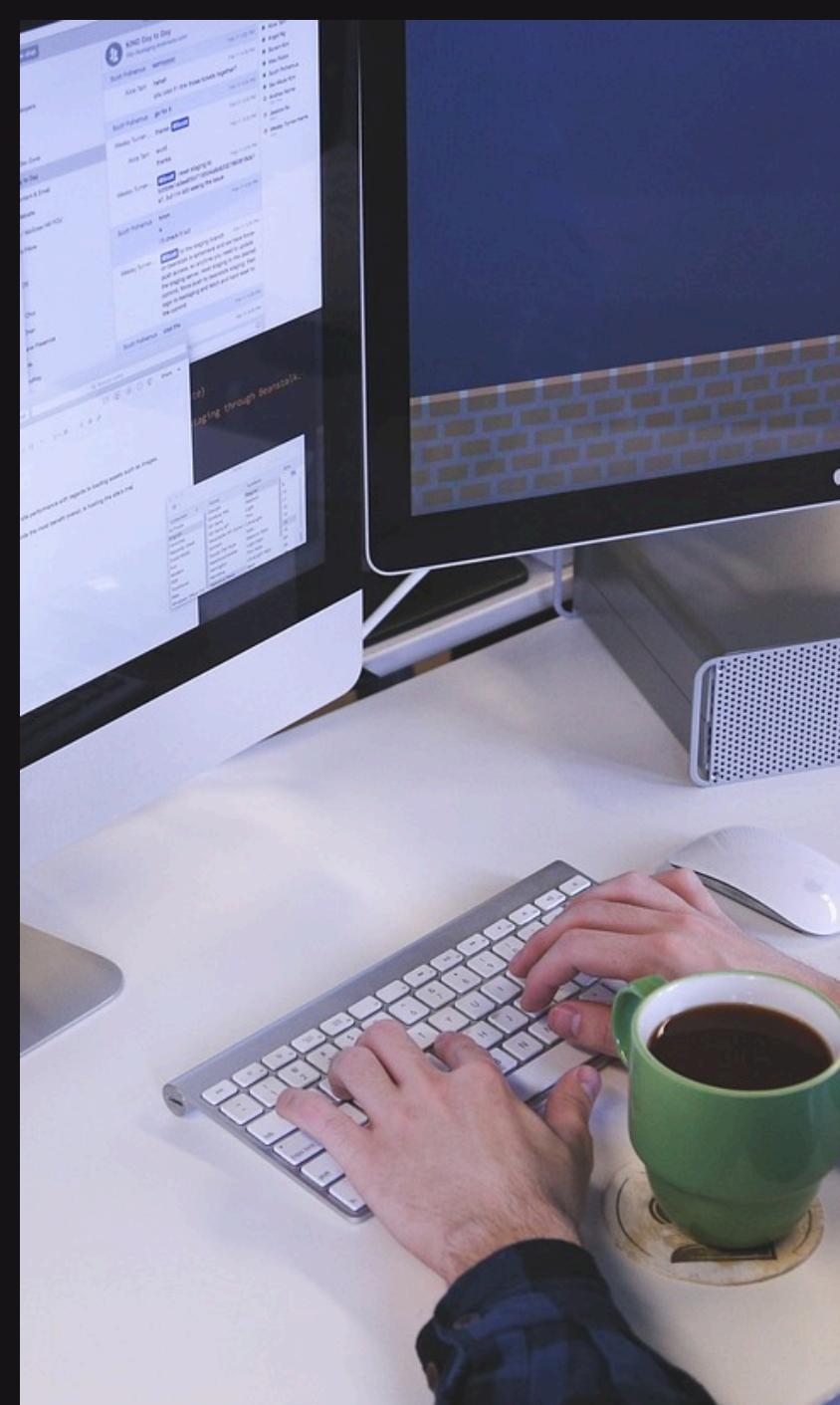
E-MAILS

Newsletter

Spams

## Limitations of just using an LLM

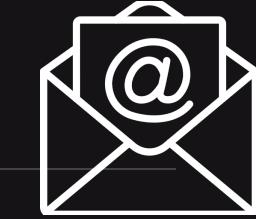
- Manual Effort: Download, upload and ask to categorize
- Time-Consuming



# EXAMPLE

Work emails

Marketing emails

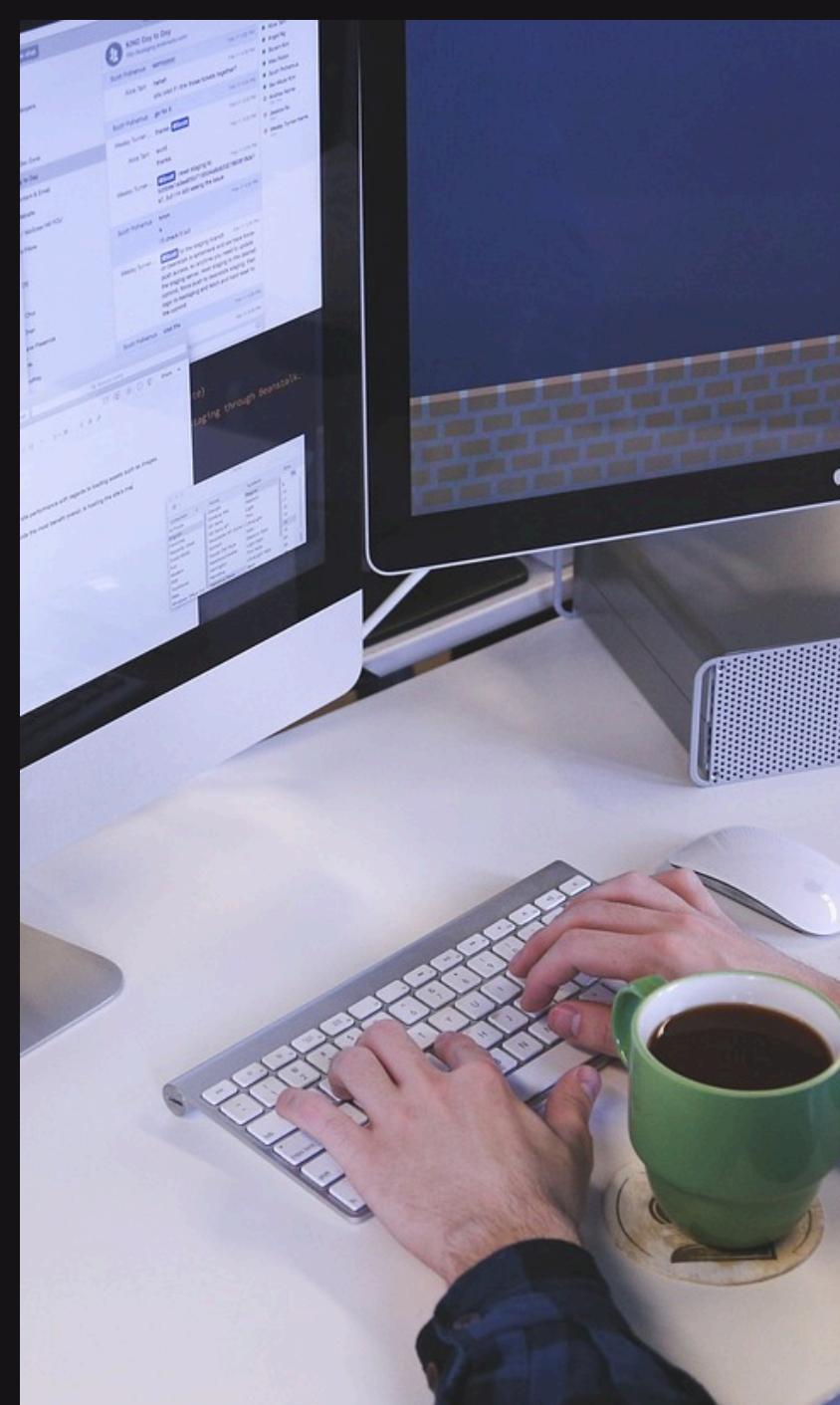


E-MAILS

Newsletter

Spams

AI Agent



# EXAMPLE

Work emails

Marketing emails



Newsletter

Spams

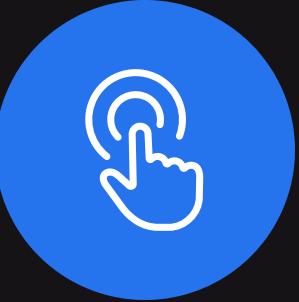
AI Agent

1. Download  
emails

2. Read and  
sort emails

3. Push emails  
to labels

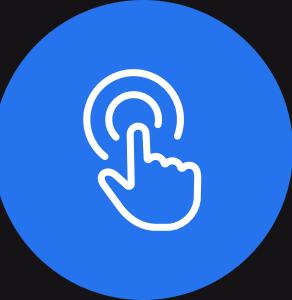
# AI Agents : Characteristics



## Problem-Solving Skills

- AI agents break down problems step-by-step.
- They develop a plan and find the right tools to solve issues.

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## Ability to Take Action

- AI agents go beyond simple generations.
- They use external tools to search, access databases, and execute workflows.



# AI AGENT: EXAMPLE



- Vacation Days
- Weather Check
- Sunscreen Advice

Estimate how many bottles of sunscreen you'll need.

“AI agents will become our digital assistants, helping us navigate the complexities of the modern world,”



Jeff Bezos





# Automate tasks with AI Agents

# Thank You