

Case 1

Idea Portal AI Agent with React Framework

Context:

Organizations often collect hundreds of enhancement requests and innovation ideas through platforms like **ServiceNow Idea Portals**. However, prioritizing which ideas to implement becomes a daunting task — how do you balance **implementation effort**, **impact (ROI)**, and **strategic alignment**?

Challenge:

Develop an **AI Agent** powered by the **ReAct (Reasoning + Action)** framework that helps evaluate and prioritize ideas from an Idea Portal.

Your AI Agent should:

- Analyze ideas based on:
 - **Estimated Implementation Effort** (time, resources, dependencies).
 - **Feature ROI** (value created, user demand, business impact).
- Prioritize and **select the top 3 ideas** for implementation.
- Use **explicit reasoning steps** to explain *why* an idea ranks higher or lower.
- Present findings in a **creative and intuitive dashboard or interface**.

Expectations:

- You can simulate or create your own **mock idea portal dataset** (creativity in dataset design will be judged!).
- Clearly define the **logic, weights, or models** used to evaluate effort vs. ROI.
- Show how ReAct-style reasoning (thinking + doing) helps in evaluating ideas.
- Visualize the decision-making process — make it explainable and engaging.

Bonus Features:

- Let users adjust parameters (e.g., give more weight to ROI or effort).
- Include a feedback loop where the agent learns from past decisions.
- Use creative storytelling or data visualisation techniques to present insights.

Goal:

Build an AI-driven decision assistant that mirrors how a real product or innovation team might prioritise ideas — combining logic, insight, and design.