Reflections

Judith, Marie, Raphael
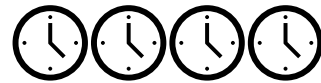
Miniproject 1
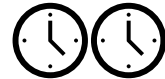
Experience?

★★☆☆☆

Time Consuming?

Manual: 🕐🕐🕐🕐

ChatGPT: 🕐🕐

Quality?

Manual: Quite good!

ChatGPT: Better but slow

Helpful?

Yes! New SQL stuff we did not know about

Prompt Count?

Too many! => **Completely new chat!**

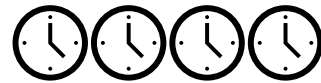Degree of automation?

Trial and Error => Semi-automatic

Experience?

★★★☆☆

Time Consuming?

Manual:

ChatGPT:

Quality?

Manual: **Very good!**

ChatGPT: **Just a lot slower**

Helpful?

Yes! Generate minimal examples (to explain Task 1)

Prompt Count?

Many => ChatGPT could not do the rewrite of our solution

Holistic integration?

Experience?

★★★☆

Time Consumin

    Manual:

    ChatGP

Quality?

    Manual:

    ChatGP

Helpful?

    Yes! Ge

Prompt Count?

    Many =>

Holistic integration?

    Only small tasks, minimal examples, rewrites, …

Task 3

Execution plan by LLM plausible?

ChatGPT: ◖ ✕

Explanation by the LLM?

ChatGPT: **Explanation about query**, not really about query plan

Automation of query execution in PostgreSQL?

Postgres:

Query development ☆☆☆☆☆

Query execution ★★★★★

Query execution plans ★★★★★

Query execution plan visualization ★★★★☆

Differences between query development (Task1 & 2) and Query Execution plan

Query development: Just schema needed

Query execution plans: More statistics about data needed