

Summary of Questionnaire

The good

- Advance spellchecker, text polishing, paraphrasing, thesaurus
- Sightseeing suggestions, Workout plans, ..
- Boilerplate code, trivial code tasks that are just cumbersome
- Visualization code, TIKZ (Latex vector graphics), Matplotlib code

Stuff that is static, non-critical, and easily checkable.

Summary of Questionnaire

The bad

- Maths problems
- Train schedules, hotel search, ...
- Longer or complex coding problems
- Data conversion
- Literature research

Stuff that changes over time, is critical, or not easy to verify.

Closing notes

LLMs in engineering

Engineering disciplines

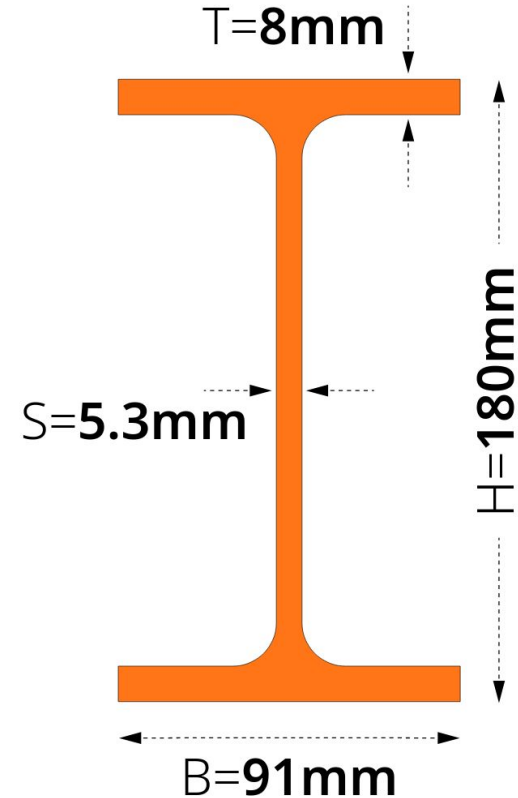
- (mostly) work with hard facts
- Exact values or conscious and deliberate approximations

LLMs in engineering

- Does the task leave room for probabilistics?
- Is the task deterministically solvable?
- Does the task leave room for errors?

IPE 180 Steel beam

- Would you ask DALL-E to produce technical drawings?



IPE 180 Steel beam

- Would you ask GPT for dimensions and load capacity?

