

Guidelines:

You will be measured for:

- Architecture - propose a suitable architecture that will allow for extensibility and composability
- Maintainability - ideally we want to be able to add more fields to the final object and additional ways to output the data
- Explainability - your code should be self explanatory
- Correctness - it should do what it needs to do

You don't need to account for, for this exercise:

- We don't expect perfectly engineered solution, be mindful of over engineering
- Complete freedom to pick a programming language and platform
- No need to account for scale
- You can take assumptions on everything that isn't written in the requirements - take a good decision that you can explain, we don't care if it isn't "correct" as long as you can explain it