Example system 1

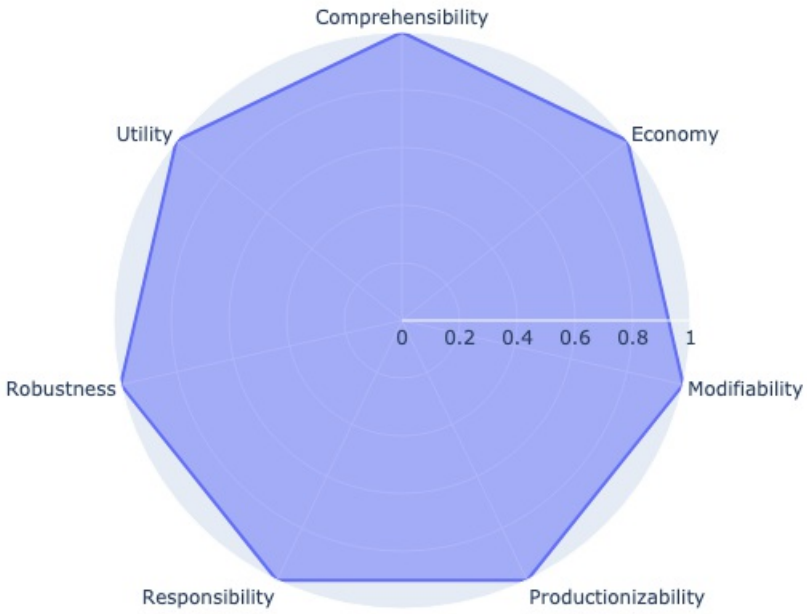
Date: 2024-04-01

Business Criticality: production critical

Maturity level: 5/5

Maturity Status: **Quality standards are met**

Quality score: 100/100



Summary: The system is of very high quality and at the expected maturity. Well done!

Congratulations! Your model is fully mature

Satisfied quality aspects

- **Repeatability**: The ML lifecycle is automated (even partially).
- **Standards-compliance**: Compliance standards are known and met.
- **Efficiency**: Basic operations are automated.
- **Cost-effectiveness**: The ML system is fullon.
- **Adaptability**: The ML system is (even partially) adaptable.
- **Discoverability**: The ML system is registered in the ML Portal.

- **Traceability**: Metadata and artifacts are logged (even partially).
- **Monitoring**: Feature drift is being monitored.
- **Operability**: The model deployment can be disabled, uploaded, reverted.
- **Understandability**: The ML system has (even partial) documentation.
- **Monitoring**: ML Performance is being monitored.
- **Resilience**: The ML system's failures per quarter are less than 5.
- **Operability**: The model is deployed in a highly available serving system.
- **Readability**: Variables, functions, classes have clear naming.
- **Maintainability**: Code is versioned using Git.
- **Explainability**: The ML system's predictions can be explained
- **Ownership**: The ML system has a team assigned as owner.
- **Testability**: At least 20% of the source code is tested.
- **Readability**: The code has a unified code style.
- **Usability**: The model's output can be accessed.
- **Accuracy**: Input data are validated *or* the model is compared against a simple baseline.
- **Vulnerability**: The ML system is not vulnerable.
- **Responsiveness**: Latency/Throughput requirements are known
- **Modularity**: The code is (even partially) modular.
- **Accuracy**: Input data are validated *or* the model is compared against a simple baseline.

Learn more about the maturity levels here.

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