



Using FAIR to foster AI-readiness in Data Facilities:

A resource list



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What is FAIR?

- **A refresher on FAIR:** More than an acronym, it stands for 15 principles for making research objects more Findable, Accessible, Interoperable, Reusable

<https://www.go-fair.org/fair-principles/>

- **Suggestions on how to implement FAIR:**

<https://bit.ly/implementFAIR>

Data repositories supporting AI with FAIR practices

- **The geosciences:** <https://www.hydroshare.org/>
- **High energy physics:** <https://bit.ly/AI-readyHEP>
- **Materials science:** <https://bit.ly/MLinMS>

How FAIR is the data in my repository?

- **Assessment:** FAIR isn't a test. Aim for checking against FAIR maturity indicators Essential / Important / Useful
<https://bit.ly/FAIRmaturity>
- **Automated:** Learn best by doing? Try the FAIR evaluator software
<https://bit.ly/evaluateFAIR>
- **Aimed specifically at AI-readiness:** A checklist with specifics for ensuring your data can be used with machine learning processes. Categories include Data Quality, Data Preparation, Documentation, Access
<https://bit.ly/ESIPdata-readiness>



<http://bit.ly/AI4DF>

How can I get involved?

- **Joining an active community of practice:**
https://wiki.esipfed.org/Data_Readiness

FAIR in ML, AI Readiness, & Reproducibility RCN



We concentrate on:

- Promoting better practices for AI
- Improving efficiency and reproducibility
- Exploring research gaps and priorities for data-centric AI

farr-rcn.org