Additional Information / Related Resources

This collection provides supplementary resources that may offer valuable context or additional learning opportunities for challenge participants. While <u>not required</u> for challenge participation, these resources may enhance understanding of the broader cancer data ecosystem.

Additional Information / Related Resources

1. CancerHacker Lab accelerator (https://www.cancerhackerlab.com/)

Standards Organizations & Initiatives:
- HL7 FHIR Cancer IGs: https://www.hl7.org/fhir/us/mcode/
- ONC USCDI+ Cancer Program: https://www.healthit.gov/topic/interoperability/uscdi-plus
- NCI Interoperability: https://datascience.cancer.gov/data-sharing
- Cancer Moonshot: https://www.cancer.gov/research/key-initiatives/moonshot-cancer-initiative

Research & Academic Resources:
- AACR Project GENIE: https://www.aacr.org/professionals/research/aacr-project-genie/
- cBioPortal: https://www.cbioportal.org/
- The Cancer Imaging Archive: https://www.cancerimagingarchive.net/

Technical Communities:
- CodeX FHIR Accelerator: https://confluence.hl7.org/display/COD/CodeX+Home
- Cancer Informatics for Cancer Centers (CI4CC): https://ci4cc.org
- OHDSI: https://www.ohdsi.org/web/wiki/doku.php?id=welcome

Related Government Programs:
- CMS Enhancing Oncology Model: https://innovation.cms.gov/innovation-models/enhancing-oncology-model
- FDA Real-World Evidence: https://www.fda.gov/science-research/science-and-research-special-topics/real-world-evidence
- NCI Cancer Research Data Commons: https://datacommons.cancer.gov/

Industry Collaboratives:
- Alliance for Clinical Trials in Oncology: https://www.allianceforclinicaltrialsinoncology.org
- HL7 Oncology Work Group: https://confluence.hl7.org/display/COD/Oncology+Work+Group

Open Source Tools & Frameworks:
- OSIRIS: (Project [PDF]; User Guide [PDF])
- CANDLE Framework: https://candle.cels.anl.gov/

Data Standards & Vocabularies:

- NCI Thesaurus: https://ncit.nci.nih.gov/ncitbrowser/
- SNOMED CT: https://www.snomed.org/
- LOINC: https://loinc.org/
- ICD-O-3: https://www.who.int/standards/classifications/other-classifications/international-classification-of-diseases-for-oncology