

Announcements 4/20

- Reading for advanced topics
 - M. Libbrecht, W. S. Noble. [Machine learning applications in genetics and genomics](#) . *Nat Rev Genet.* 16, 321-332, 2015
 - P. Stahl et al. [Visualization and analysis of gene expression in tissue sections by spatial transcriptomics](#). *Science* Vol. 353, Issue 6294, pp. 78-82, 2016.
 - L. Elliott et al. [Genome-wide association studies of brain imaging phenotypes in UK Biobank](#) . *Nature* 562, 201-216, 2018.
 - J. Vamathevan et al. Applications of machine learning in drug discovery and development . *Nat Rev Drug Discov* 18, 463-477, 2019.
 - R. Roscher et al. [Explainable Machine Learning for Scientific Insights and Discoveries](#). *IEEE Access* 8, 42200-42216, 2020.
- Project presentation days 4/27 and 4/29
 - Required to attend both days
- Final report due by 4/26