**Summary**

1. Our sample comprises **193 individuals** from the AIBL Study (Australian Imaging, Biomarkers & Lifestyle study of ageing).
2. For that sample, we have the following data:
   1. **Aβ-pos or –neg status**;
   2. Metadata including:
      1. **Age** at the time of data collection;
      2. **Sex**;
      3. The presence of at least one **apoe-e4** allele;
   3. **Gene expressio**n data for **~22,000 genes**; and
   4. **Genotype** data for **~2,000 SNPs** known to be associated with AD (from GWAS).
3. We carried out the project in three parts: