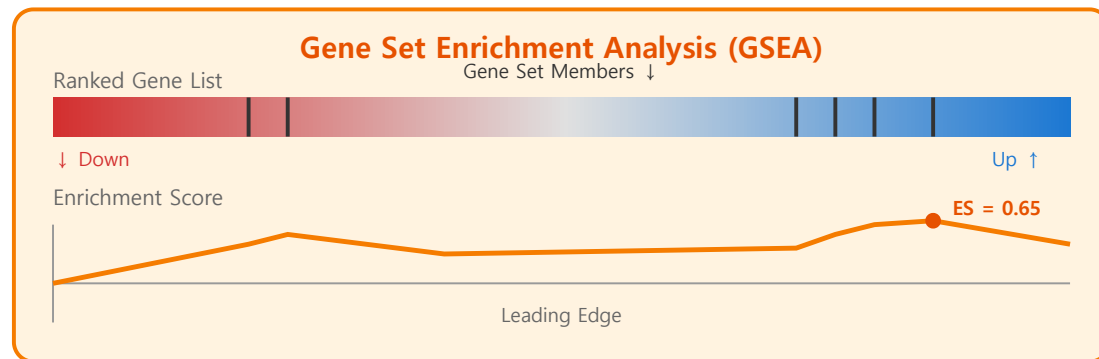
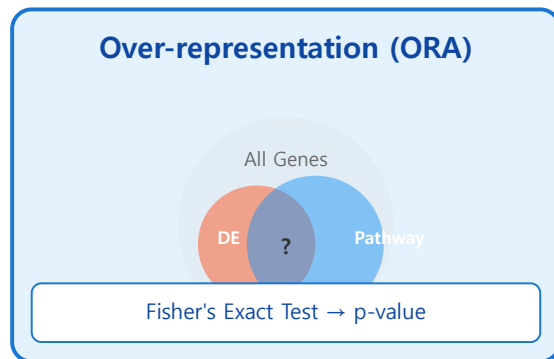
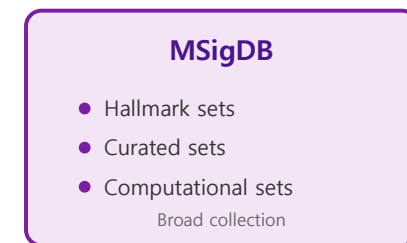
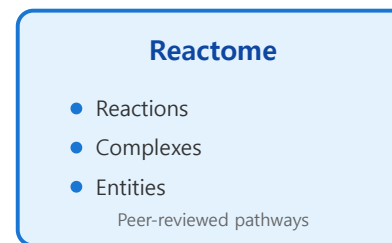
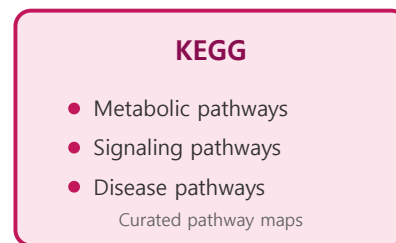
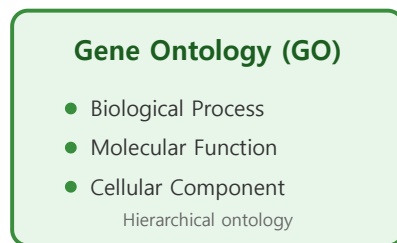


# Pathway Analysis

## From Genes to Biological Pathways



## Pathway Databases



ORA: Simple but threshold-dependent | GSEA: Uses all genes, more powerful | Choose database based on biological question

💡 Pathways provide biological context for gene expression changes