Pathway Analysis Workflow

RNA Seq
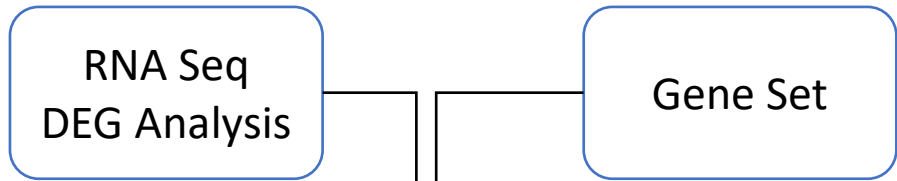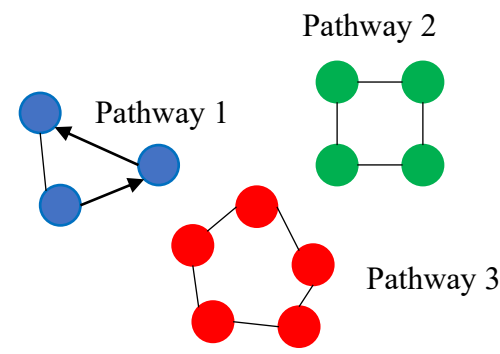DEG Analysis

Gene Set

1. Gene Ontology
2. Gene Set Enrichment Analysis
3. Profiler

Clustering Closely Related Pathways

Ranking the genes using Fischer's Test, T-Test

Pathway 2

Pathway 1

Pathway 3

1. Clustering on the basis of P Values
2. Ranking the pathways using hypergeometric test

Ranking the candidate genes on the basis of suitable factors:-
1. Degree, Centrality
2. Statistical Test