Goal: To develop novel graphical and statistical techniques to capture operational performance similarities and differences among airports.

**Background:**
- Key performance characteristics vary substantially among airports, e.g. demand, delay, utilization, capacity, etc.
- We are identifying similarities and differences among airports and eventually categories and trends.
- We then will seek to relate these characteristics to causal factors and develop recommendations for changes in operational procedures or access policies.

**Methodologies:**
- Key areas are identified to compare the operational performance among airports.
- Historical data is analyzed statistically and graphically.

**Future Work:**
- **Apply statistical techniques:**
  - to classify and compare airports.
  - to understand causes of differences at airports.
- **Apply similar methodologies and techniques to European dataset:**
  - Extend analysis to European airports.
  - Investigate fundamental differences between US and European airspace systems; main areas to be investigated:
    - traffic flow management procedures.
    - airport access controls.
    - weather/climate.