

Social Network Analysis

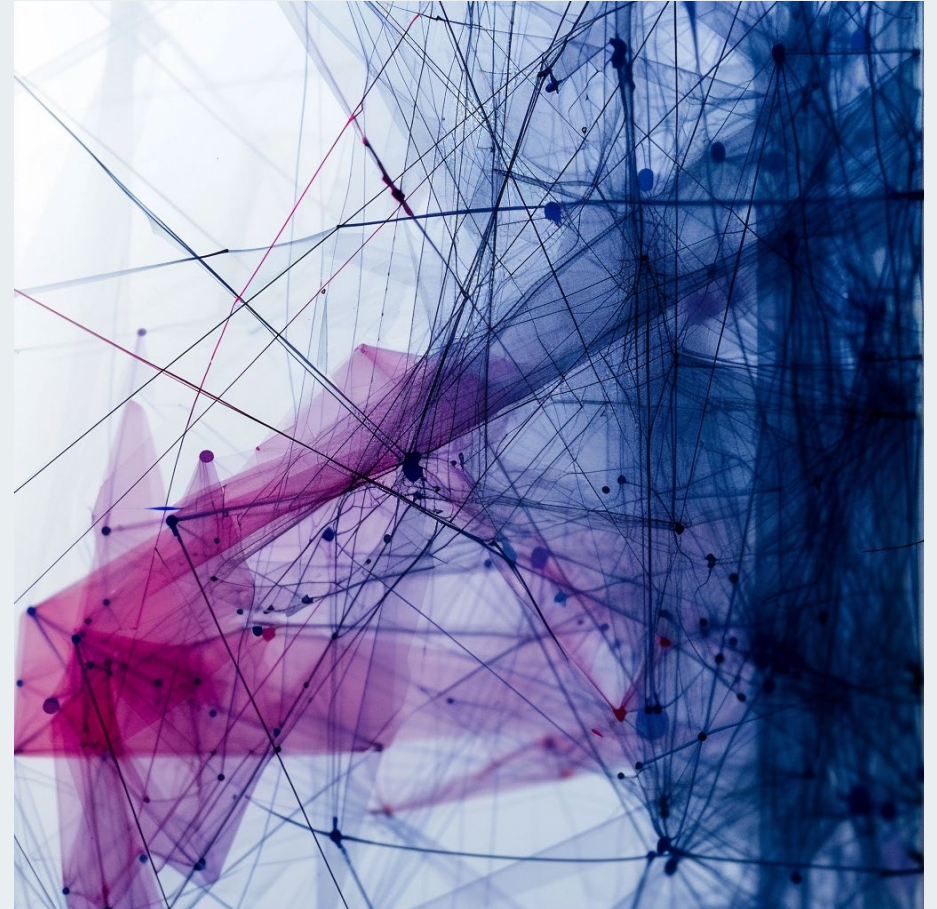
Network Visualization

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Outline

- Task 1: Compute Centrality
- Task 2: Visualize with Networkx
- Task 3: Visualize with pyViz
- Task 4: Visualize with GeoPandas



Task 1: Compute Centrality

- Select two centrality indicators to tell a story that represents the characteristics of an aviation network.
- Demonstrate the distribution of nodal characteristics



Task 2: Visualize with Networkx

- Select a suitable visualization method to illustrate both the network itself and the nodal properties at the same time.
- Hue with continental categories.



Task 3: Visualize with pyViz

- Select a suitable visualization method to illustrate both the network itself and the nodal properties at the same time.
- Hue with continental categories.



Task 4: Visualize with GeoPandas

- Plot the network on the world map.
- The rest of the requirements is the same as the above mentioned.



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The End

Thank you for your attention!



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