

THE POPULATION IN URBAN AGGLOMERATIONS

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GITHIB LINK: <https://github.com/AWAISMUHAMMAD1234/ADS1-ASSIGNMENT-03>

Introduction:

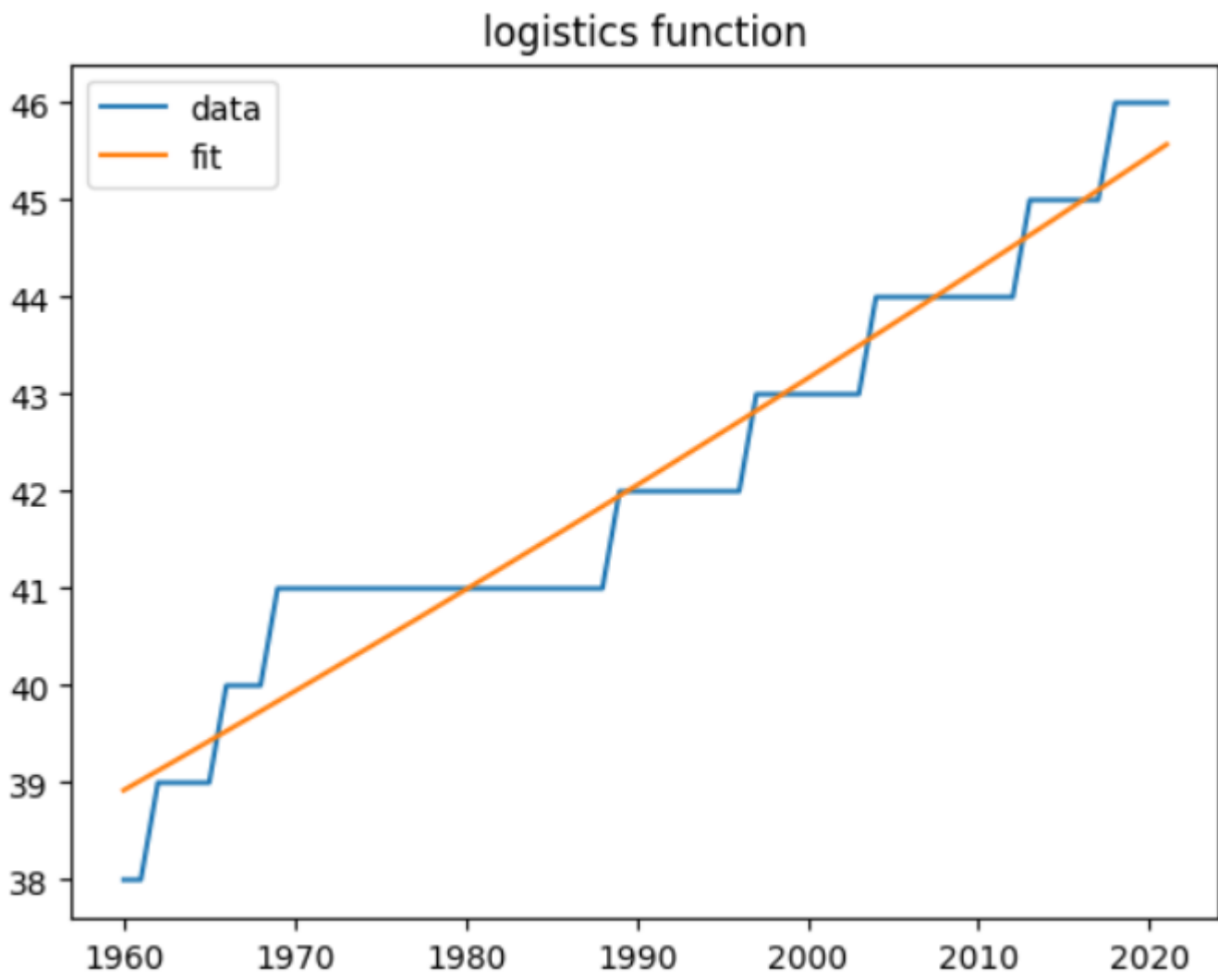
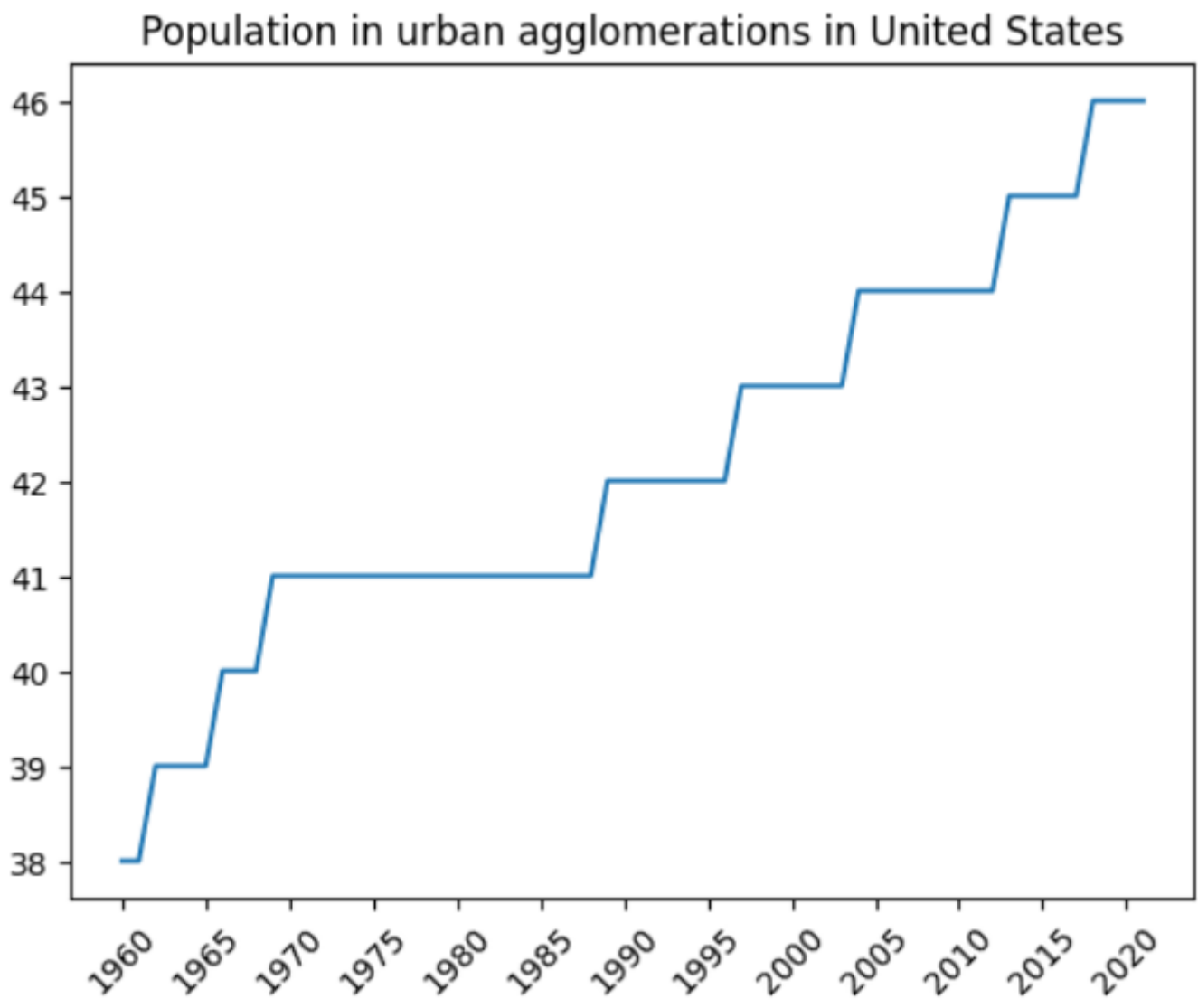
The "Population in urban agglomerations of more than 1 million (% of total population)" is an indicator that measures the percentage of a country's total population living in urban areas with agglomerations of more than 1 million inhabitants. It provides insight into the level of urbanization and the concentration of population in large cities.

URBAN AGGLOMERATIONS IN UNITED STATES

The United States has numerous urban agglomerations, each defined by the U.S. Census Bureau based on population density and economic and social interactions. The largest and most well-known urban agglomerations in the United States include New York-Newark-Jersey City, Los Angeles-Long Beach-Anaheim, Chicago-Naperville-Elgin, Dallas-Fort Worth-Arlingto.

Population in urban agglomerations in United States

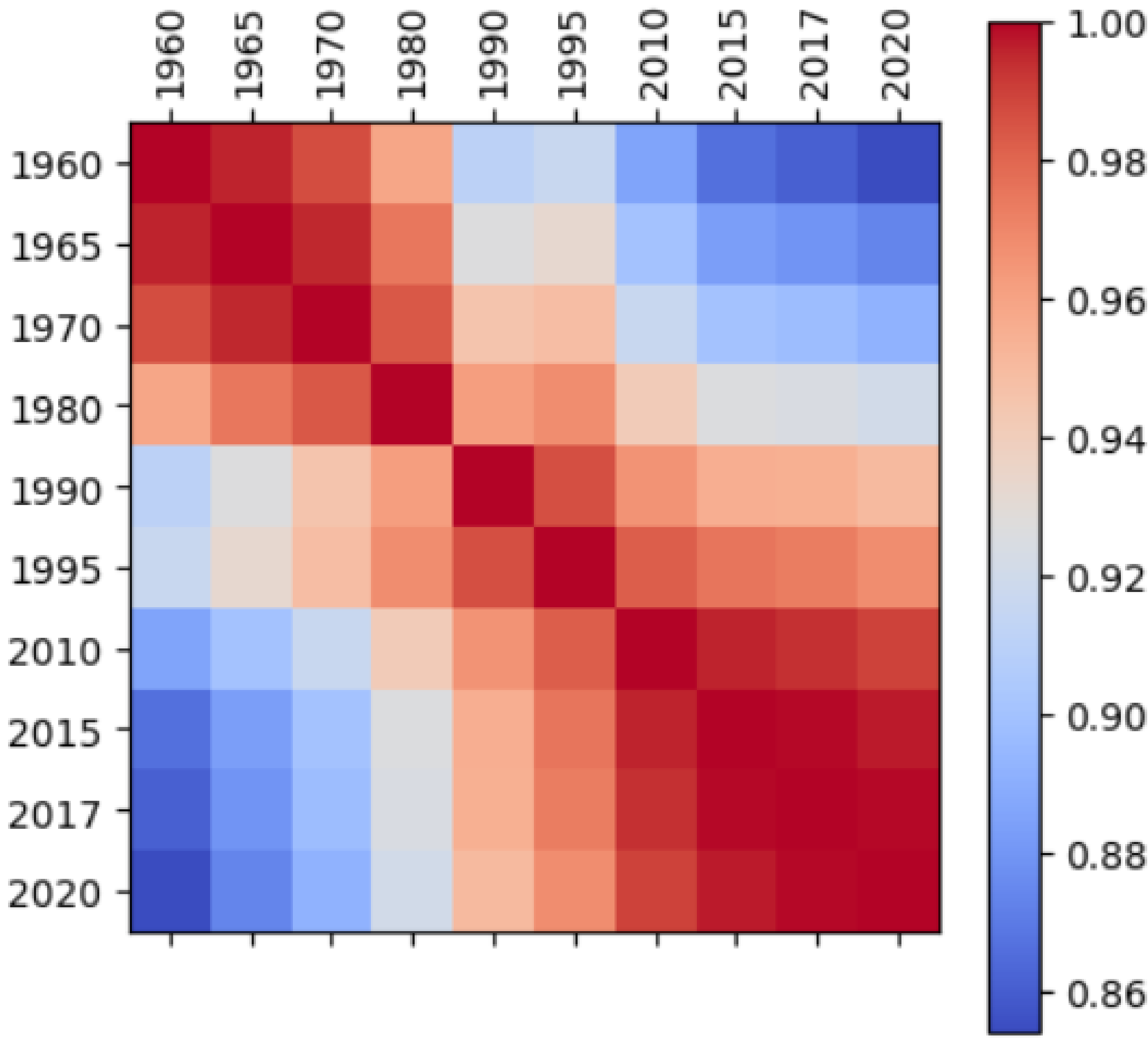
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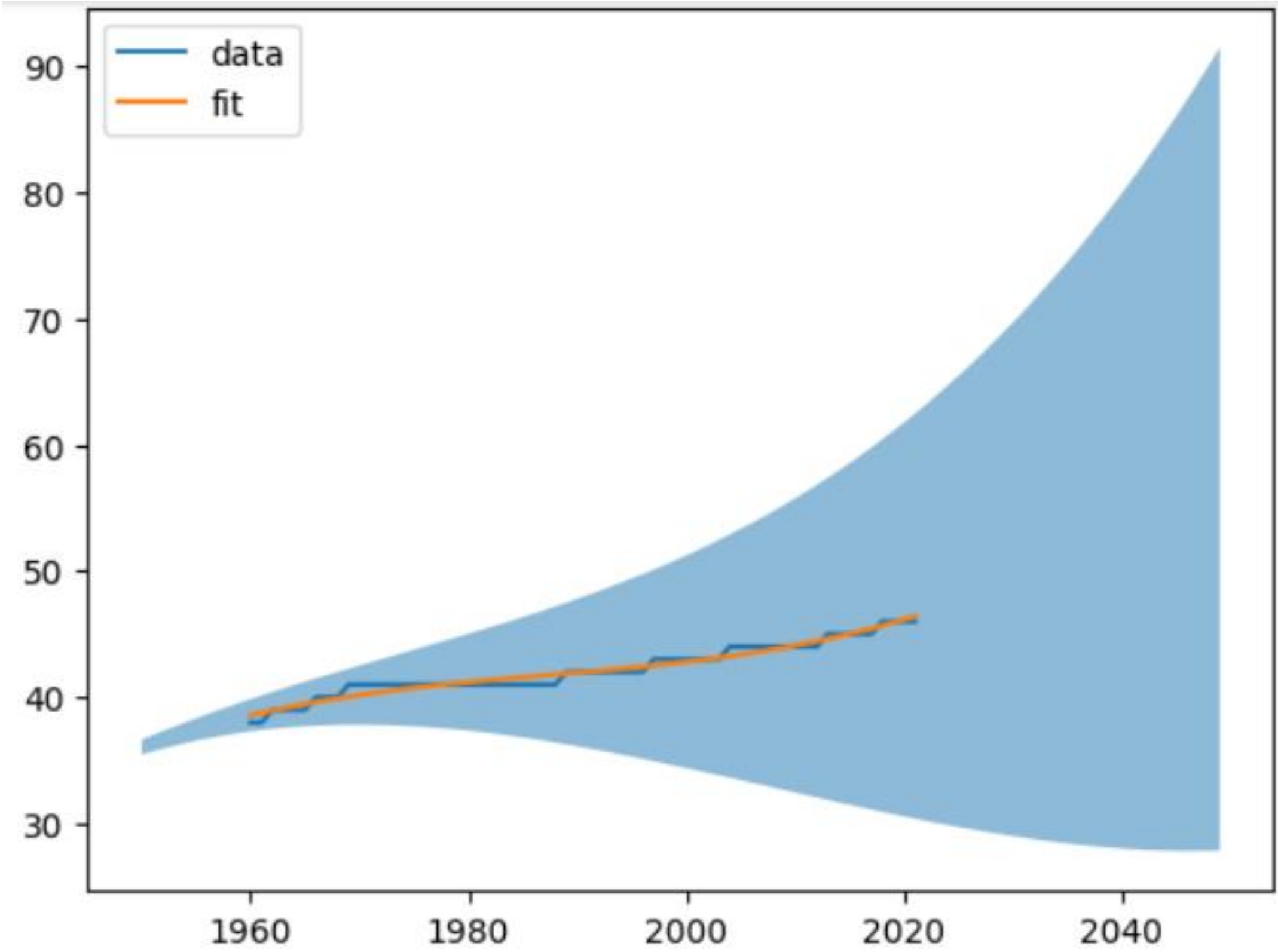
Abstract:

This poster is the description of "Population in urban agglomerations of more than 1 million (% of total population)" indicator of the climate change of the world bank. Heat map, k means clustering plot and the trends of the indicator has been presented in this poster. The regression plot shows a positive relationship between the variables being analyzed.

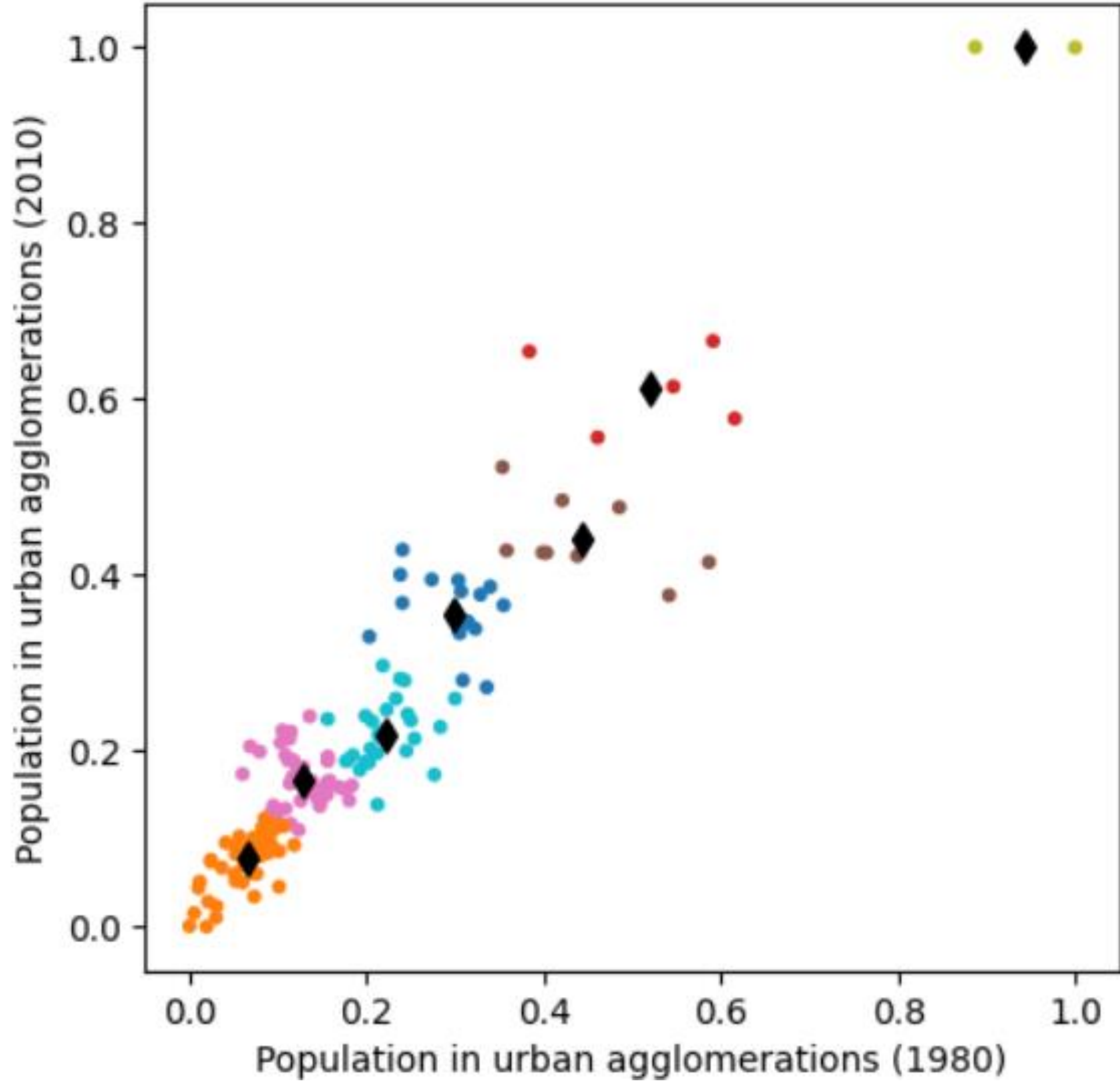
Heat Map



Future Prediction



K-means Clustering



Conclusion

Overall, the positive regression plot of urban agglomerations data underscores the significance of urbanization and growth in shaping the socioeconomic landscape of these areas. It emphasizes the need for proactive planning, policy formulation, and investment decisions to harness the potential benefits of urban agglomerations while addressing associated challenges such as infrastructure strain, resource allocation, and environmental sustainability.