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Many characteristics of cities like income, wealth creation, and crime, scale with population size according to universal scaling laws. While these laws are a good description of the general trends in these urban indicators, there are underlying structures in the dynamics of cities, such as spacial and clustering correlations and the propensity of a city to consistently over or under-perform in specific indicators over long periods of time. We will be exploring these underlying structures in an attempt to better understand urban dynamics at different scales as a tool to better urban policies, which can be tailored to specific cities.