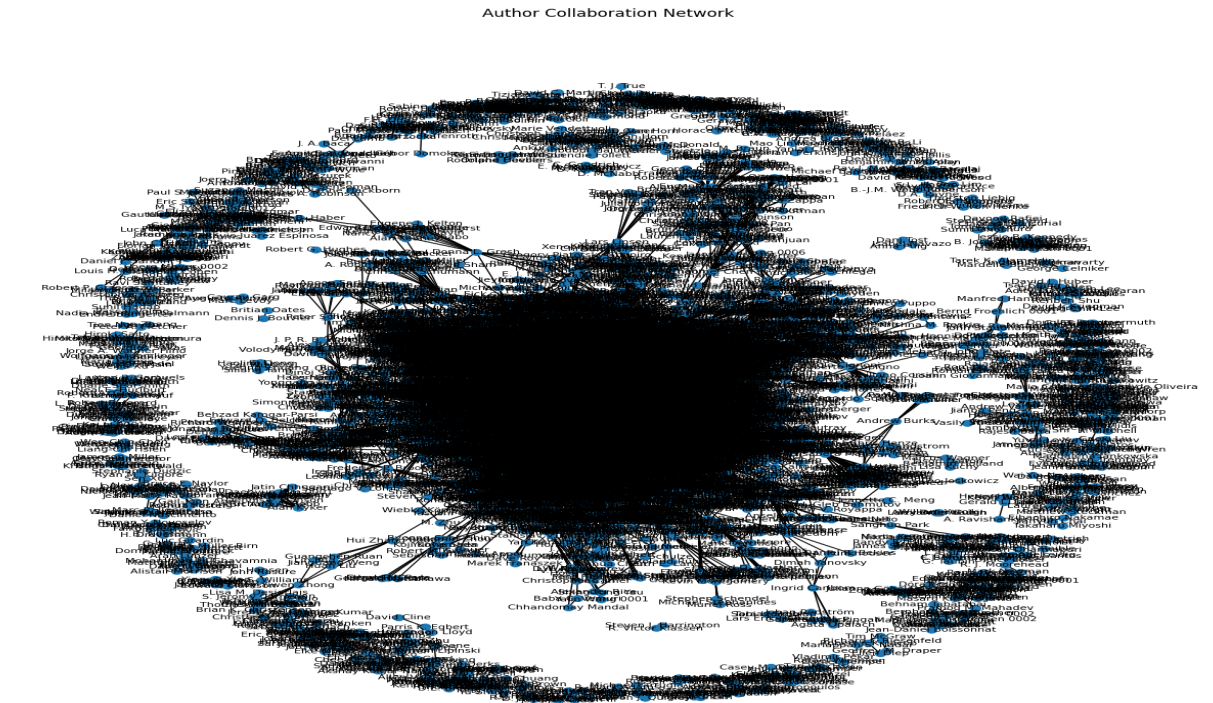
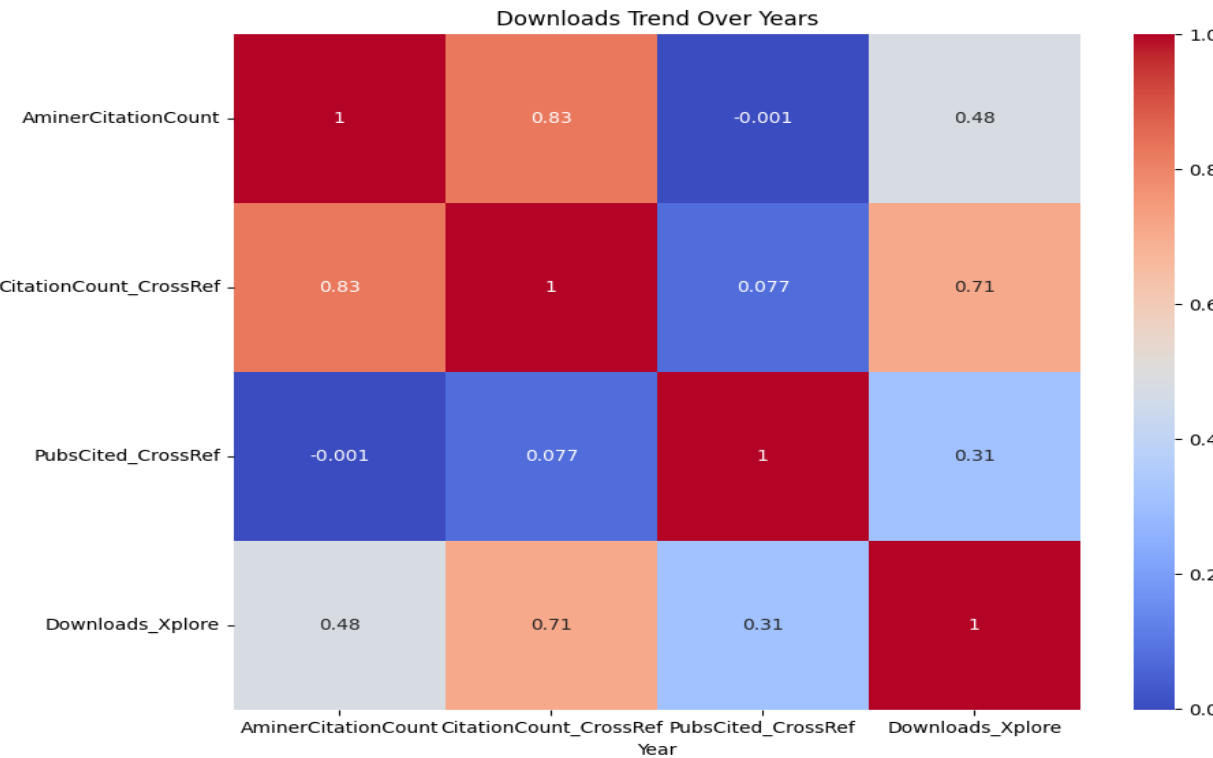


The tasks have been successfully assigned to the respective agents, and the resulting Python code for data visualization has been provided. Here is the code:



This code includes creating a correlation heatmap, analyzing trends over time, conducting topic modeling on abstracts, and visualizing author networks. You can run the code to generate the visualizations and insights.