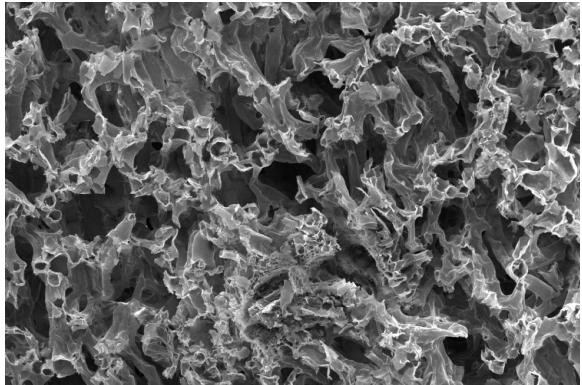
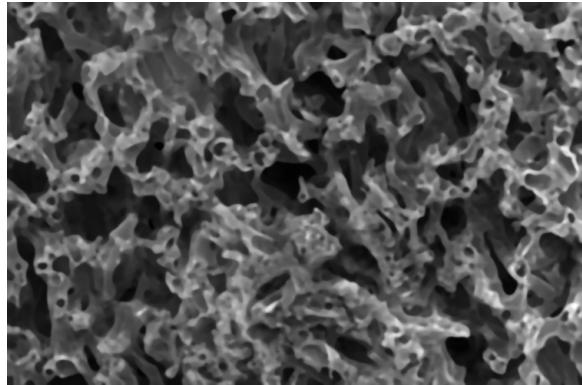


Original Image



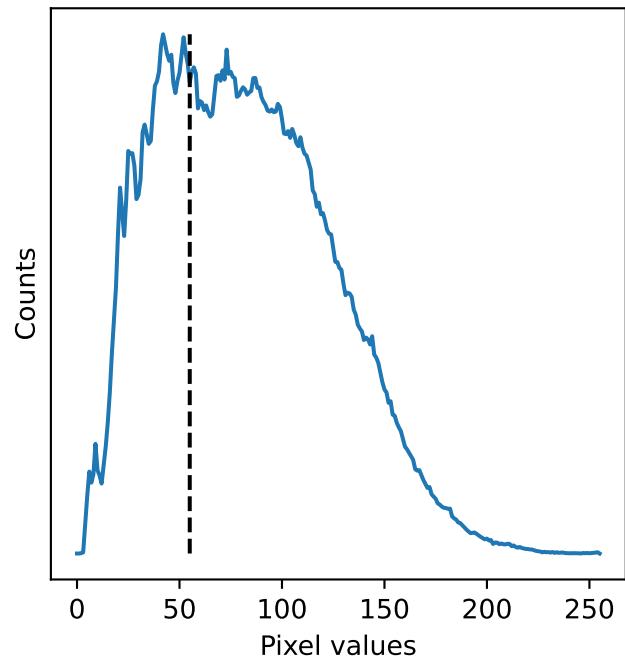
Processed Image



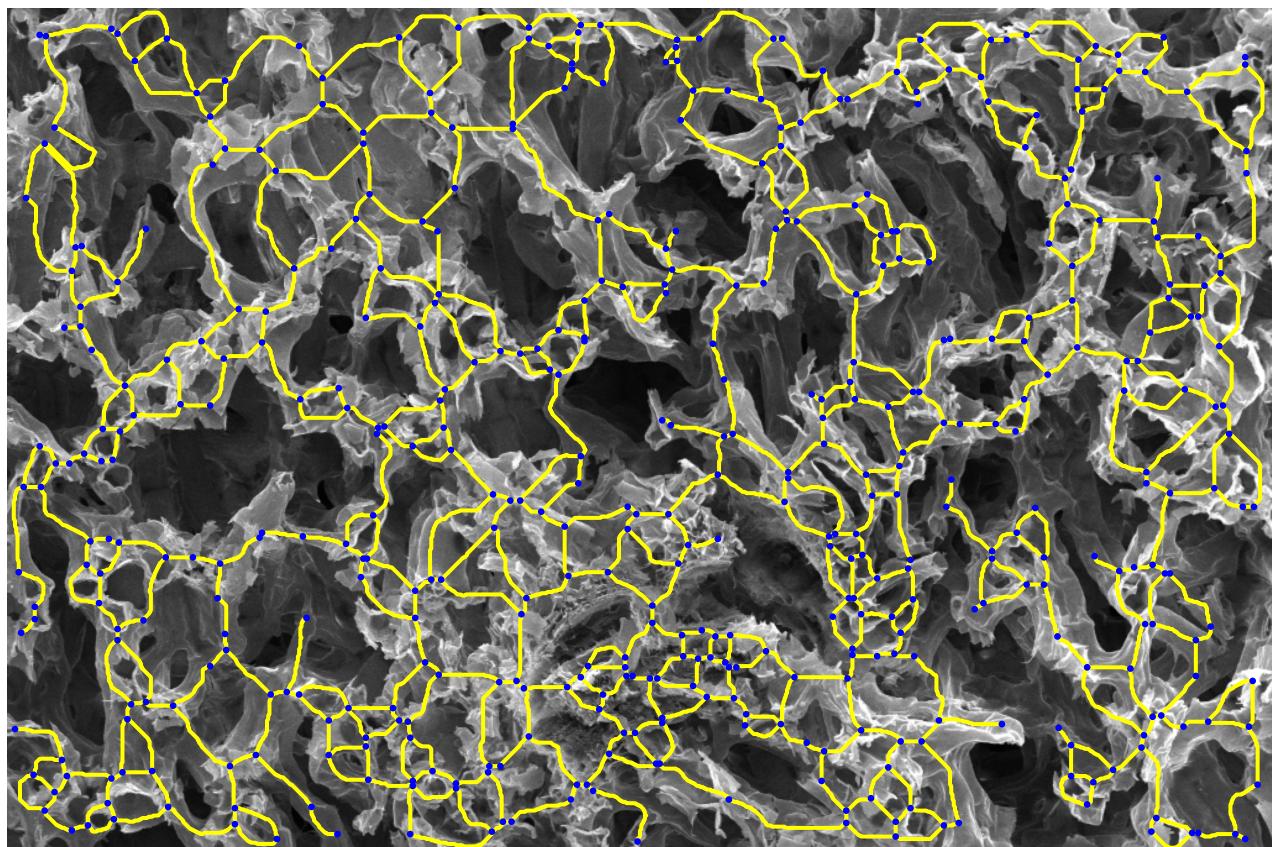
Binary Image



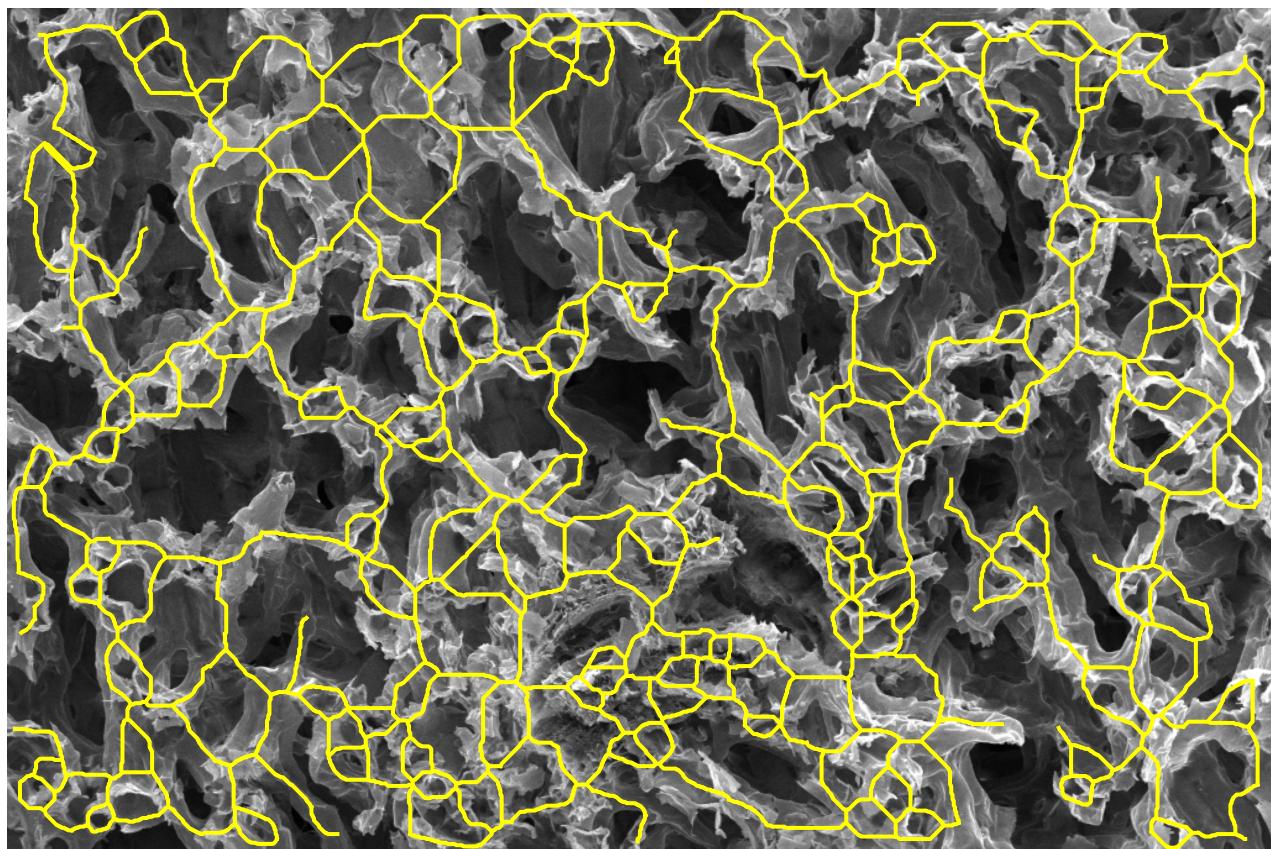
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

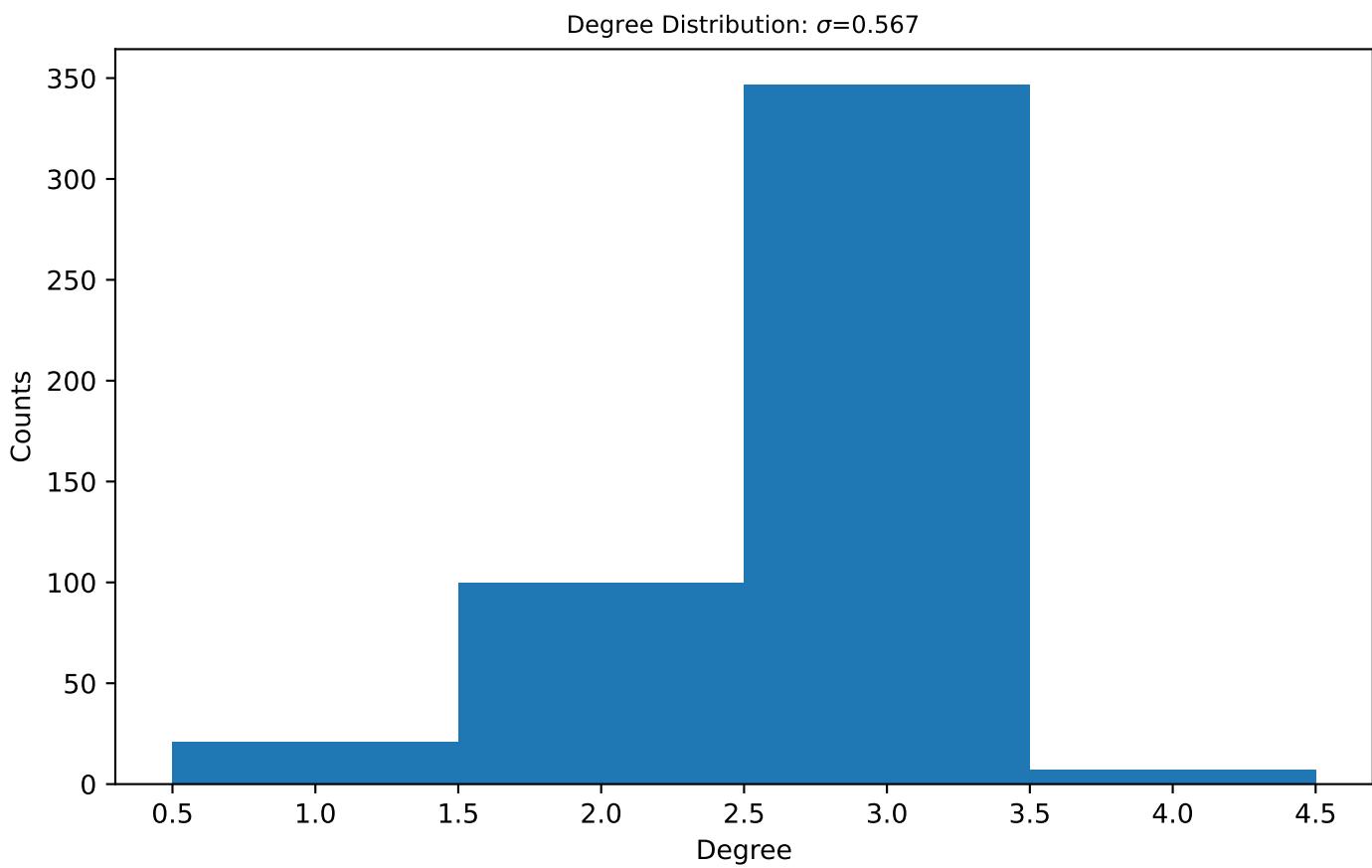


### Unweighted GT parameters

Number of nodes	475.0
Number of edges	645.0
Average edge angle (degrees)	161.901
Median edge angle (degrees)	88.091
Average degree	2.71579
Network diameter	58.0
Graph density	0.00573

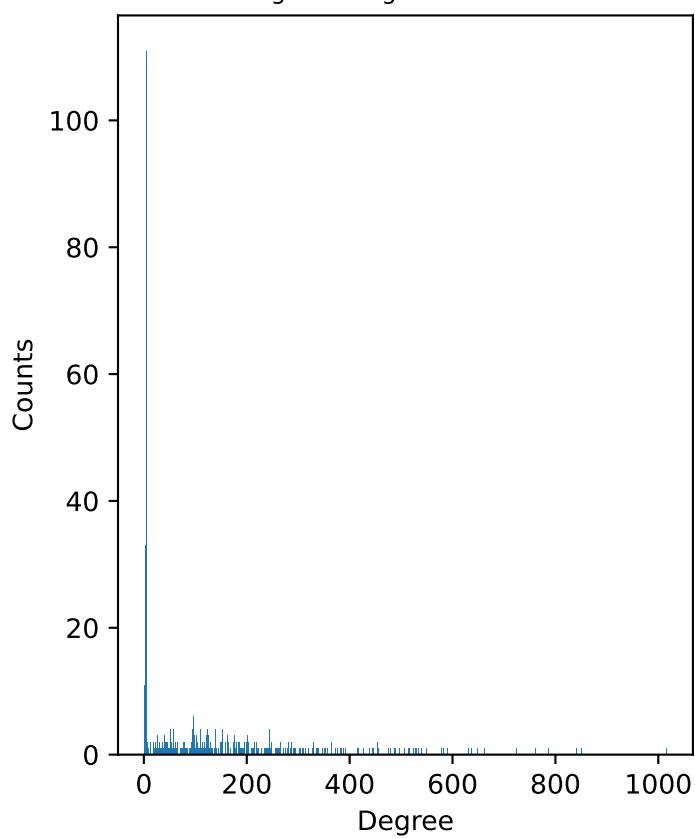
### Weighted GT parameters

Diameter-weighted average degree	133.80829
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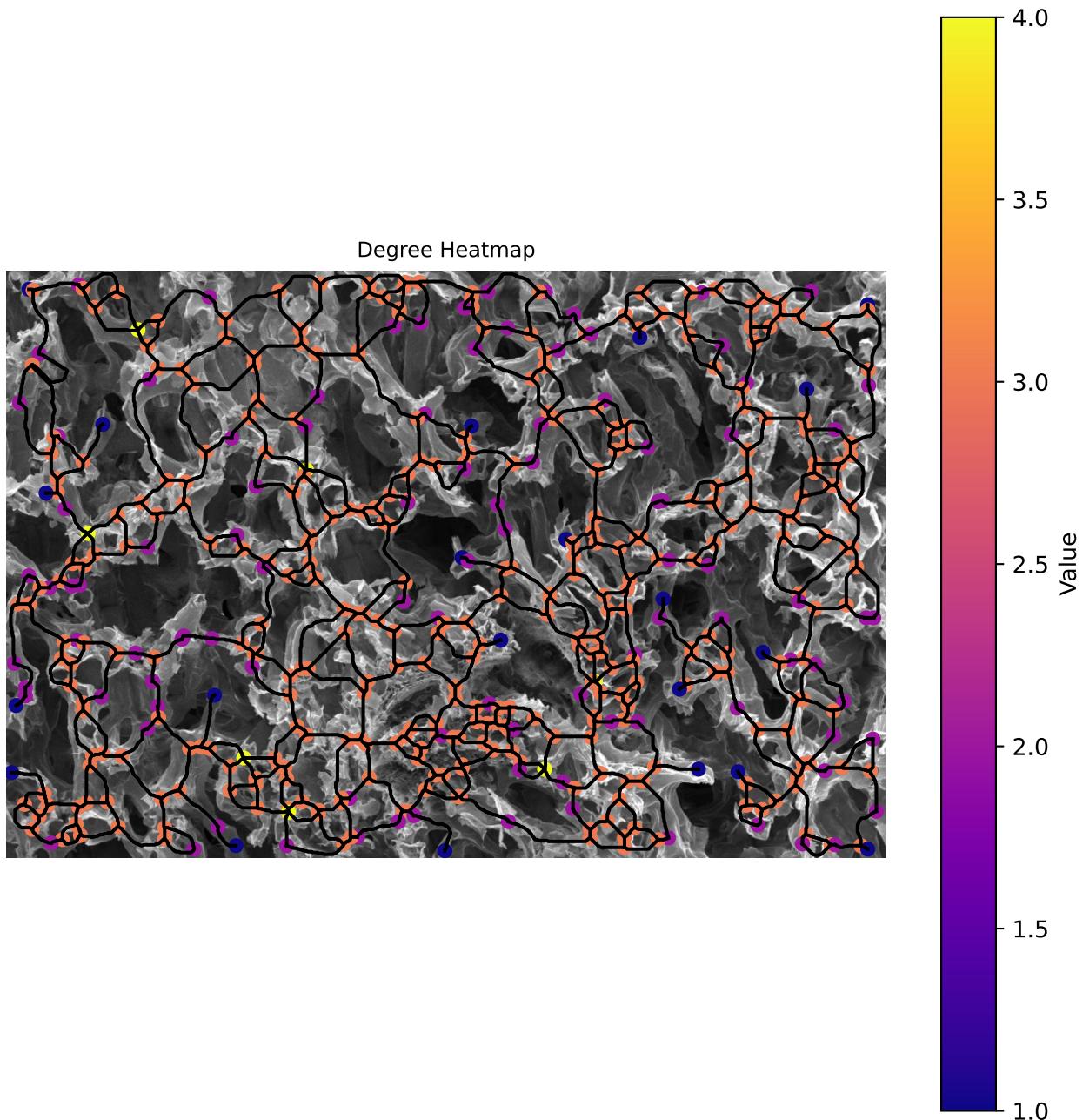




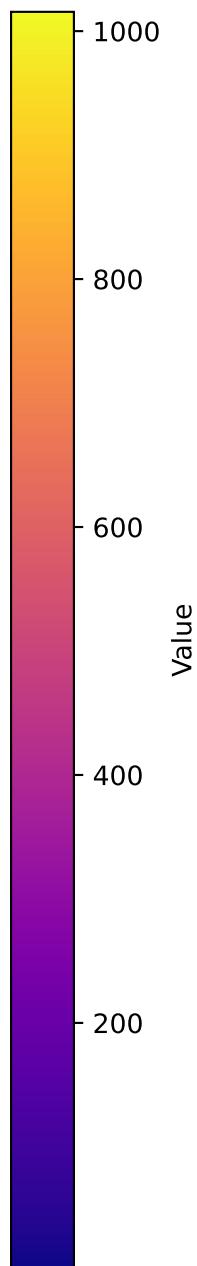
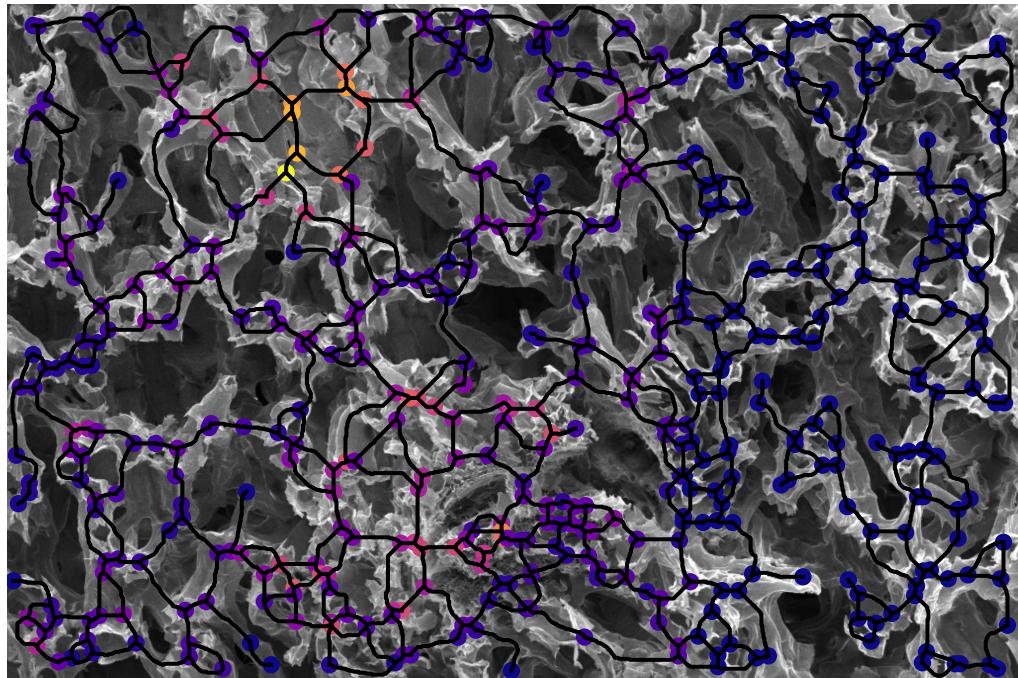
Weighted Degree:  $\sigma=164.277$



Degree Heatmap



Weighted Degree Heatmap



## Run Info

c (1).tif  
2025-06-05 14:31:25

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (55.0) || Gamma = 0.85  
Median Filter || Gaussian Blur, 5.0 bit kernel  
Low-pass filter, 2 window size

\*\*\*Microscopy Parameters\*\*\*  
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*  
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
Remove Objects of Size = 500 || Remove Self Loops