

[SAMPLE]
DATA VISUALIZATION ASSIGNMENT FOR NETLOGO

1) Exploring a model:

Access the Wolf Sheep Predation model from the Models Library (under Biology). Run the model by hitting **Setup** and **Go**. Observe how the variables interact, and the outcome of the default variables. How does this “ecosystem” behave? Which “agent” is more likely to thrive?

2) Alter the variables:

Adjust the variables, so the results of the model are altered. What variables increase the “success” of the wolf? What variables increase the “success” of the sheep? How can you adjust the variables to create an equilibrium between the “ecosystem’s” agents?

3) Analyzing the models:

What causes lead to what effects? How could different variables be introduced to alter the outcomes? How could different variables be weighted or emphasized to alter the outcomes?