

Salmon Analysis Speaking Notes

Questions we hope to answer:

- Started with several questions
- Questions designed around can these populations be predictive
- If they can be predictive, can we forecast future populations
- Can we use this model to predict populations on other streams?
- Can we use this info to help hatcheries determine how many salmon to rear?

Systems Used

- Systems needed to store data on the cloud
- Systems to create a machine learning model
- Systems to create visualization

Terms

- Salmon Lifecycle important to consider
- Defining wild vs hatchery

Data Exploration

- Picked questions
- Searched for data
- Cleaned data
- Refined data into specific population groups

Database

- Created AWS RDS
- Linked RDS to Jupyter NB
- Read ML Model from J NB to database as new table
- Read table into Tableau