

QUIZ#1: Points

Download the and unzip **QUIZ1_2018.zip** from : dverbyla.net/nrm435/quiz_data_2018/

- [-] QUIZ1_2018.mdb
 - [+] salmon
 - [+] streams

The salmon feature class contains an attribute for species

Table

OBJECTID *	Shape *	Species
1	Point	Sockeye Salmon
2	Point	Sockeye Salmon
3	Point	Sockeye Salmon
4	Point	Sockeye Salmon
5	Point	Coho Salmon
6	Point	Coho Salmon
7	Point	Chum Salmon
8	Point	Chum Salmon

And the streams contains an text field Name:

streams

OBJECTID *	Shape *	NAME	Shape_Length
1	Polyline	Moose Creek	1128.321138
2	Polyline	Clear Creek	503.968335
3	Polyline	Upper Clear Creek	619.00744
4	Polyline	Flat Creek	399.266315
5	Polyline	Ptarmigan Creek	329.925233
6	Polyline	Willow Creek	450.137699
7	Polyline	Big Creek	383.17653
8	Polyline	Big Creek	771.425355
9	Polyline	Bear Creek	844.628629

Use arcmap geoprocessing tools to create a table of salmon count by species and stream name. For example:

FREQUENCY	NAME	Species
0	Flat Creek	Chum Salmon
0	Flat Creek	Coho Salmon
0	Flat Creek	Sockeye Salmon
0	Ptarmigan Creek	Chum Salmon
0	Ptarmigan Creek	Coho Salmon

Save all output in your geodatabase container **QUIZ1_2018.mdb**

Enter map document properties File→Map Document Properties..

Map Document Properties

General

File:

Title: NRM435 Quiz1 2018

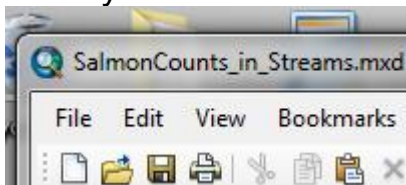
Summary: Total count of salmon by stream name and salmon species

Description: name of your soution table and mpk file

Author: your name

Credits: your email

Save your work. File menu→save or click on the save icon.



Then create a map package: File→Share As→ Map Package...Save package to file (do NOT check on

Include Enterprise Geodatabase data instead of referencing the data

)

Email me (dilverbyla@alaska.edu) your map package **mpk** file. (not your .mxd file) as an attachment

Grading:

All output to geodatabase container **QUIZ1_2018.mdb** 4pts

Correct stream for each salmon location 4 pts

Correct number of count of salmon for each stream 4pts

Correct count by species for each stream 4 pts

Map document contains Title, Summary, Description, your name & email 4 pts