

CS 571 - Data Visualization & Exploration

Group Activity 5: Visualization Critique

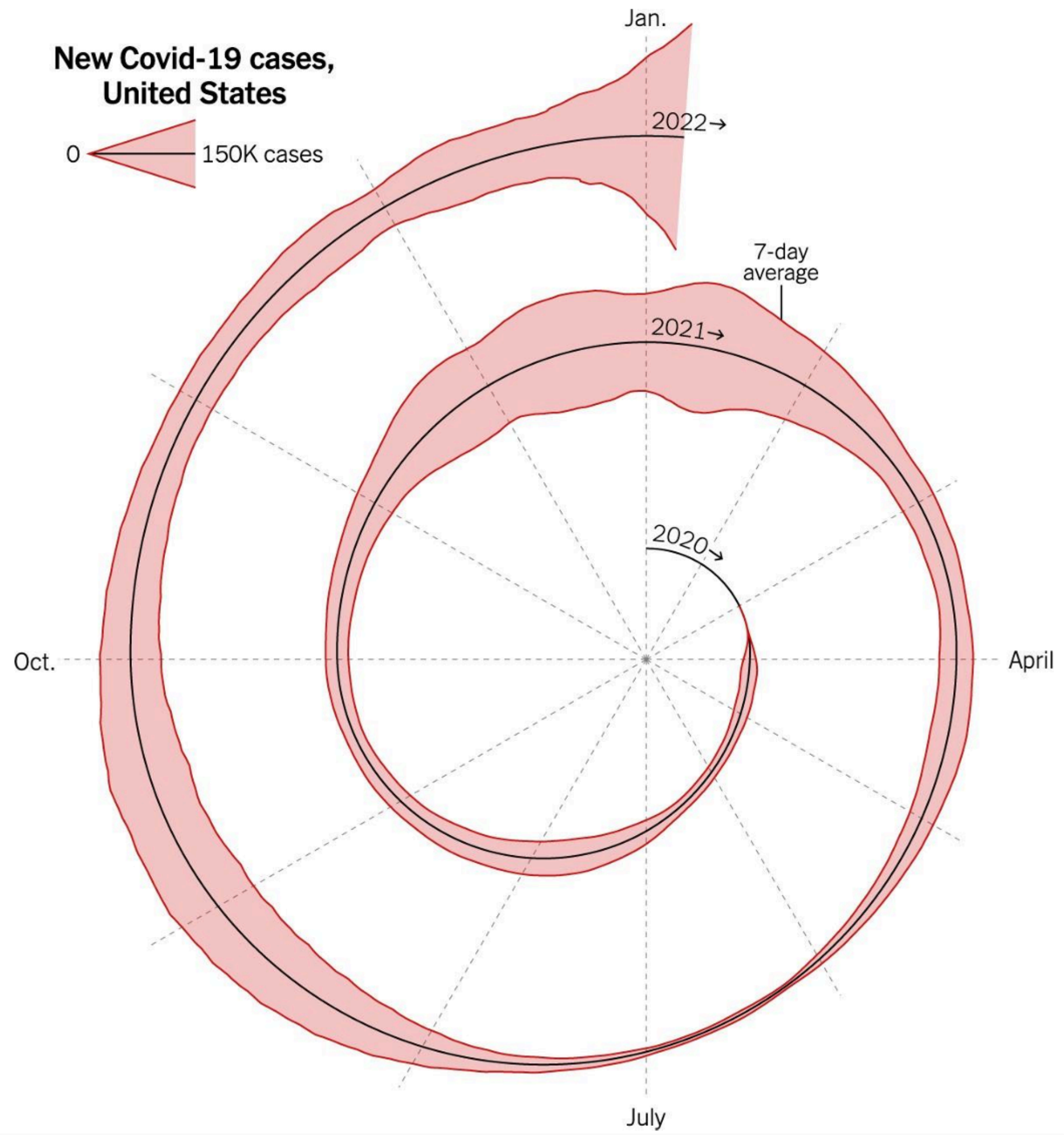
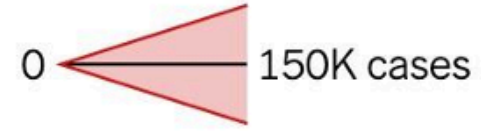
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Activity Instructions:

1. Create a shared Google Doc (add group member names in the title)
2. Critique the following visualizations by answering the (10) questions below:
 - What is the data shown in the visualization?
 - What might be the intention of the visualization designer?
 - What are the marks and channels?
 - Is the Effectiveness Principle Followed? (the best visual channel used?)
 - Is the Expressiveness Principle Followed? (just data? useful embellishments?)
 - Is sufficient/appropriate context provided?
 - Is the visualization layout (e.g., spiral) appropriate?
 - Is color used appropriately?
 - Why do you like / dislike the visualization?
 - Can you suggest improvements? Describe how you would redesign it.
 - Extra Credit: Sketch a redesigned version of the visualization(s) and add them to your submission.

New Covid-19 cases, United States



Best in Show: The Ultimate Data Dog

INTELLIGENCE

SIZE



dumb

clever

sml

med

lrge

Herding

Hound

Non-sporting

Sporting

Terrier

Toy

Working

Inexplicably Overrated

popularity

Hot Dogs!



Bulldog

Great Dane

Boxer

German Shepherd

Rottweiler

French Bulldog

Bernese Mountain Dog

Mastiff

Bullmastiff

Rhodesian Ridgeback

Newfoundland

Saint Bernard

Bloodhound

Bull Terrier

Akita

Scottish Terrier

Alaskan Malamute

Pekingese

Chow Chow

Irish Wolfhound

Old English Sheepdog

Afghan Hound

Giant Schnauzer

Borzoi

Kerry Blue Terrier

Greyhound

Doberman Pinscher

King Charles Spaniel

Pembroke Welsh Corgi

Boston Terrier

Basset Hound

Italian Greyhound

Dalmatian

Staffordshire Bull Terrier

Bouvier des Flandres

Basenji

Saluki

Belgian Tervuren

Clumber Spaniel

English Toy Spaniel

Dandie Dinmont Terrier

Pharaoh Hound

Beagle

Golden Retriever

Yorkshire Terrier

Pomeranian

Pug

Australian Shepherd

Chesapeake Bay Retriever

Samoyed

Irish Setter

Brussels Griffon

English Setter

Flat-Coated Retriever

Gordon Setter

Norfolk Terrier

Briard

English Toy Spaniel

Tibetan Spaniel

Pointer

Australian Terrier

Bedlington Terrier

Affenpinscher

Labrador Retriever

Shih Tzu

Poodle

Dachshund

Chihuahua

Miniature Schnauzer

Siberian Husky

Shetland Sheepdog

Cocker Spaniel

English Springer Spaniel

W. Highland White Terrier

Papillon

Australian Cattle Dog

Lhasa Apso

English Cocker Spaniel

Brittany

Border Collie

Cairn Terrier

Border Terrier

our data score



intelligence



costs



longevity



grooming



ailments



appetite

The Rightly Ignored

Overlooked Treasures