



# DIVING DEEP INTO OVERFISHING

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23rd June 2016

A diver in a blue and black wetsuit is swimming upside down in clear blue water. Below the diver is a massive, dense school of small fish, likely sardines, that fills the lower two-thirds of the frame. Several larger fish are also visible in the upper left. The scene is captured from an underwater perspective, looking down at the school of fish.

# THE OVERFISHING OF GLOBAL FISH STOCKS





All fish stocks will have CRASHED by 2048

# WHO CARES?



\$364 BILLION industry

Feeds 1.2 BILLION

35 MILLION jobs

70% of the globe

Coastal marine ecosystems are 15  
TIMES more effective

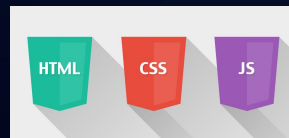
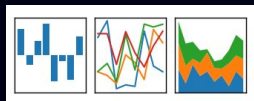
Efficiency reduced by 10% since  
2000

# DATA



Western & Central Pacific  
Fisheries Commission

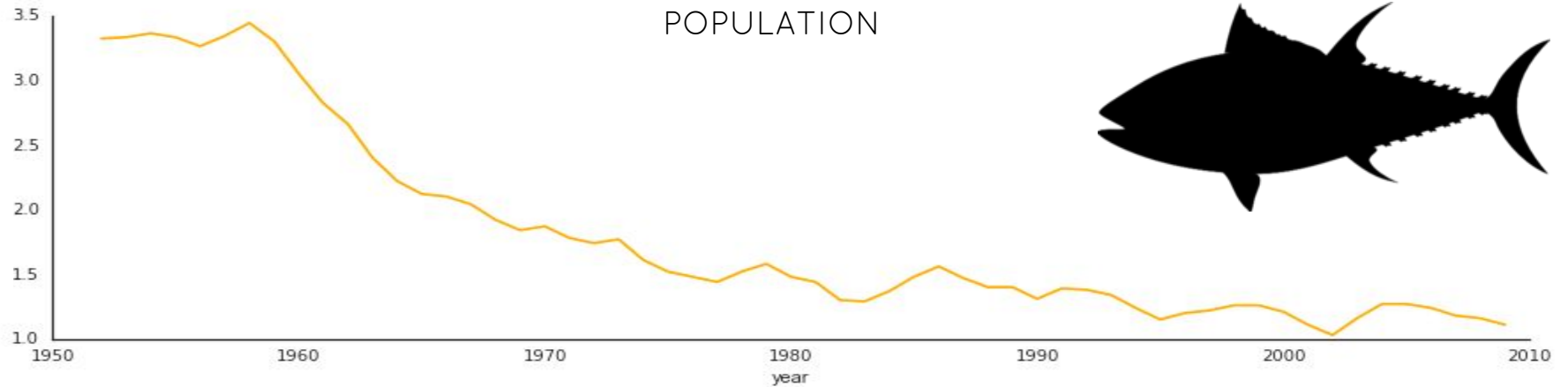
# TOOLS



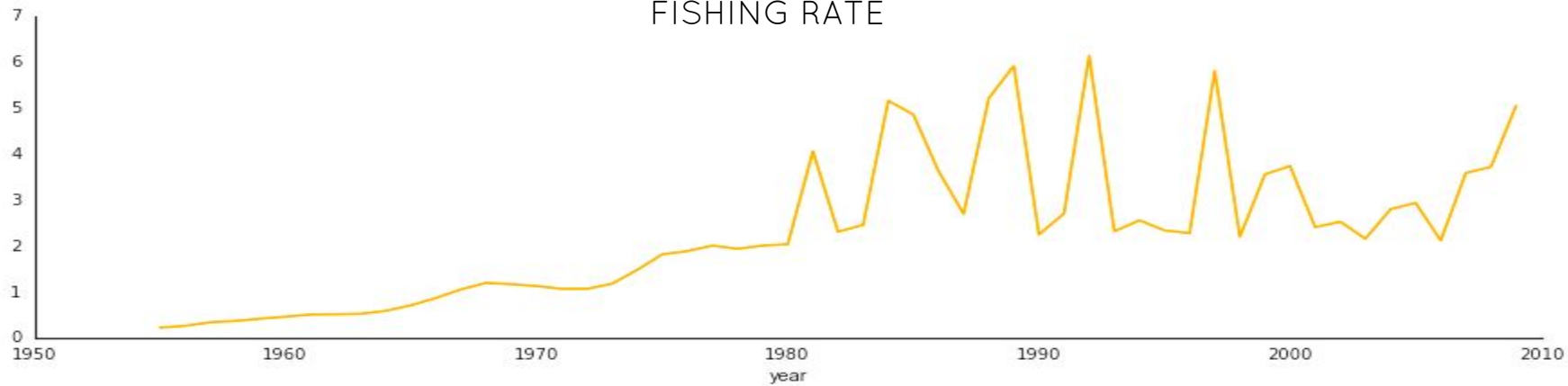
FISHING RATE



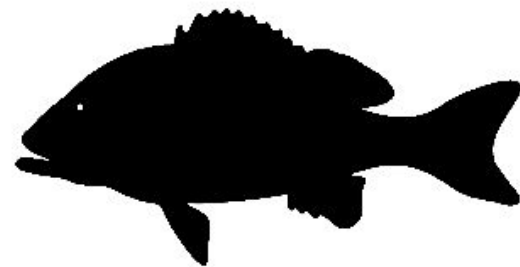
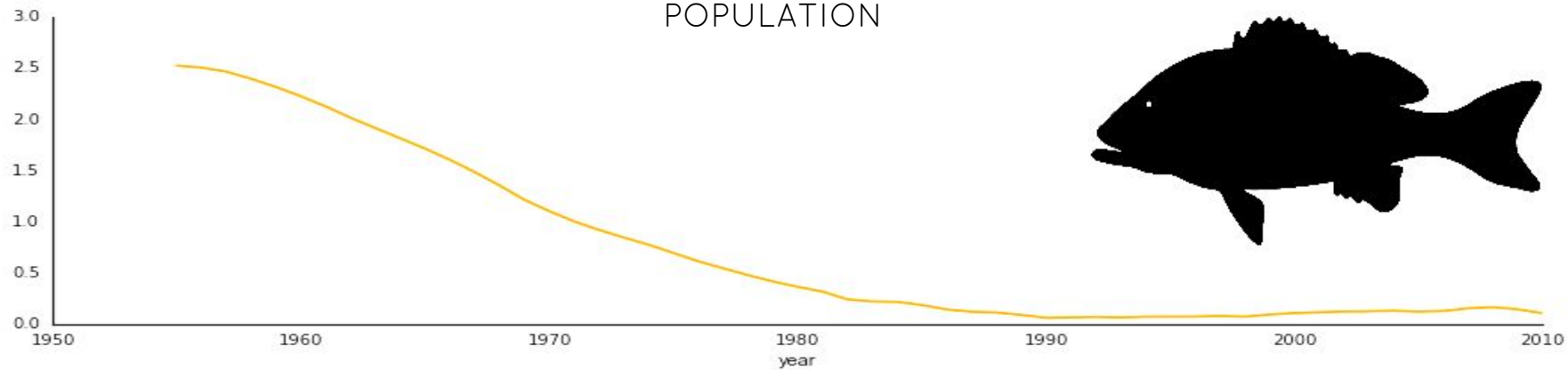
POPULATION



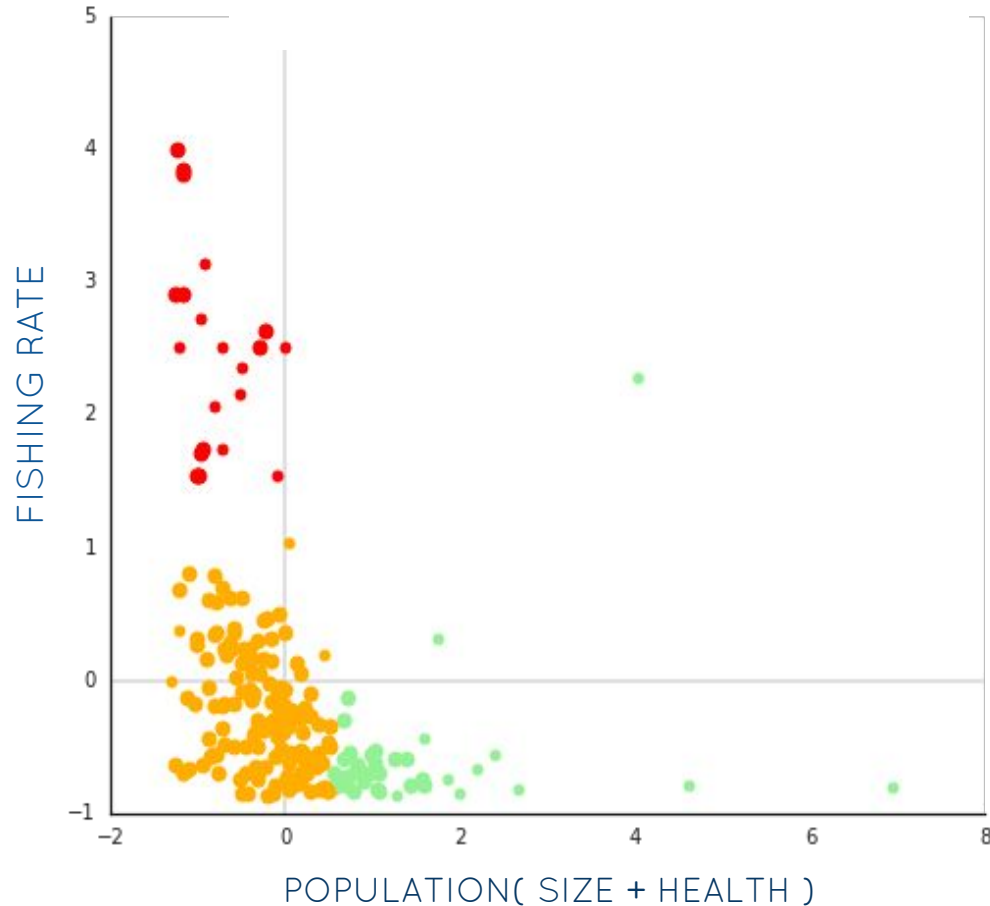
FISHING RATE



POPULATION



# K-MEANS CLUSTERING



Fishing rate

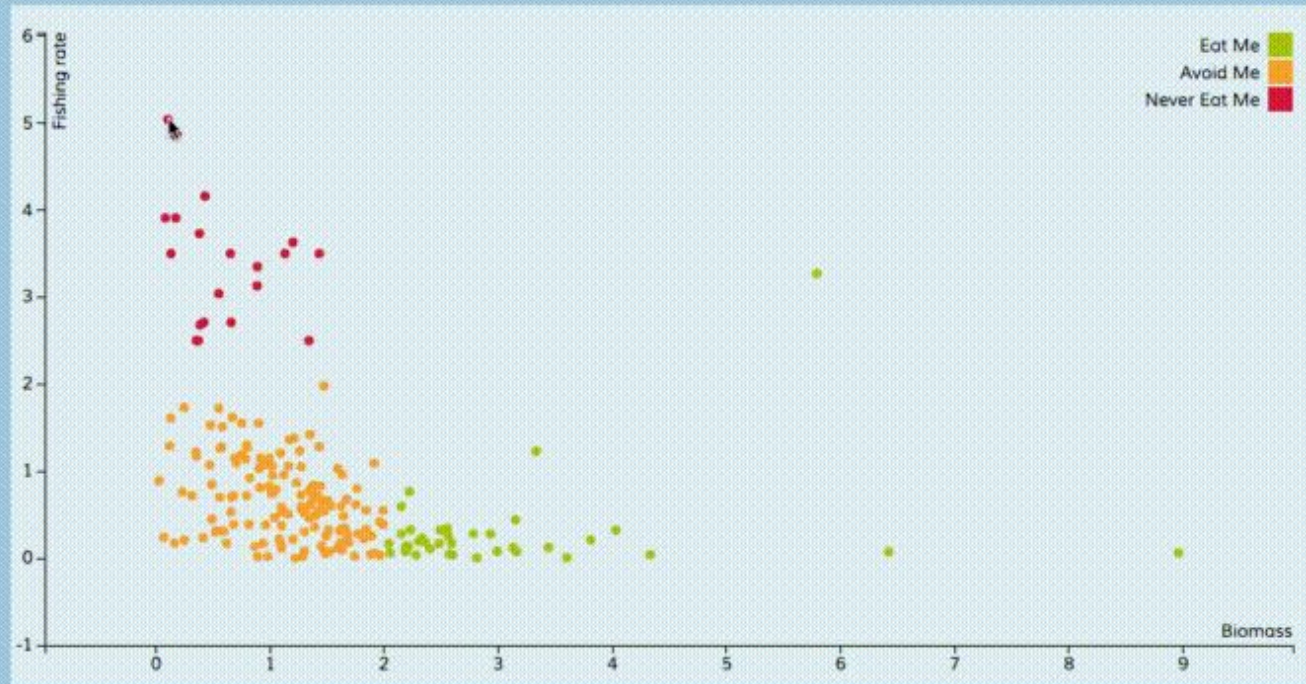
Population size

Health of  
population



# FISH WATCH

Hover over the points to see which fish you I eat with a clear conscience.



# FISH FINDER

Look up a fish to sea if it is overfished

Enter A Fish:

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## NEXT STEPS

Automate adding new data  
Subsetting by fish type  
Provide alternatives



# THANK YOU

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deenhe91/fish\_app