Marine_Fish_Data.csv
500 rows, 9 columns   No transforms applied

Clean   Merge   Generate dashboard   Download

Species_Name	Region	Breeding_Season	Fishing_Method	Fish_Population	Average_Size(cm)	Overfishing_Risk
Category	Category	Category	Category	ID	Number	Category
Herring 15.6%	Mediterranean Sea 27.8%	Monsoon 35.4%	Line 36%	5555 0.4%		No
Sardine 14%	Pacific Ocean 27.2%	Winter 32.4%	Net 32.4%	1698 0.4%		Yes
Other 70.4%	Other 45%	Summer 32.2%	Trawl 31.6%	Other 99.2%		
1 Salmon	North Atlantic	Summer	Net	8270	71.92	No
2 Tuna	Pacific Ocean	Monsoon	Line	1860	85.33	No
3 Cod	Mediterranean Sea	Summer	Line	6390	88.02	No
4 Herring	Pacific Ocean	Monsoon	Trawl	6191	85.46	Yes
5 Herring	Indian Ocean	Monsoon	Trawl	6734	48.35	Yes
6 Mackerel	Mediterranean Sea	Monsoon	Net	7265	30.03	No
7 Salmon	Pacific Ocean	Summer	Line	1466	45.7	Yes
8 Salmon	Pacific Ocean	Summer	Trawl	5426	90.27	No
9 Sardine	Mediterranean Sea	Winter	Line	6578	23.19	No
10 Tuna	Pacific Ocean	Summer	Trawl	9322	56.2	No
11 Tuna	Mediterranean Sea	Summer	Line	2685	30.99	No
12 Salmon	Pacific Ocean	Monsoon	Net	1769	62.32	Yes
13 Herring	North Atlantic	Summer	Trawl	7949	87.68	No
14 Herring	Mediterranean Sea	Summer	Net	3433	89.23	Yes
15 Tuna	North Atlantic	Summer	Line	6311	31.3	Yes
16 Herring	North Atlantic	Summer	Line	6051	91.69	No
17 Sardine	Pacific Ocean	Monsoon	Net	7420	63.27	No
18 Herring	Indian Ocean	Summer	Line	2184	41.52	Yes
19 Shark	North Atlantic	Summer	Trawl	5555	73.74	No
20 Cod	North Atlantic	Winter	Trawl	4385	53.35	No
21 Tuna	North Atlantic	Summer	Line	7396	44.02	No
22 Mackerel	Indian Ocean	Monsoon	Line	9666	73.46	Yes
23 Sardine	Indian Ocean	Summer	Line	3558	32.39	Yes
24 Snapper	North Atlantic	Winter	Line	8849	39.72	Yes
25 Cod	Indian Ocean	Summer	Trawl	3047	49.1	No
26 Mackerel	Indian Ocean	Summer	Trawl	3747	32.83	No
27 Herring	Indian Ocean	Monsoon	Line	1189	46.47	No
28 Snapper	Mediterranean Sea	Winter	Net	3734	61.43	No
29 Salmon	North Atlantic	Summer	Net	4005	76.69	Yes
30 Salmon	Indian Ocean	Summer	Trawl	5658	79.05	Yes
31 Sardine	Mediterranean Sea	Summer			84.05	No
32 Salmon	Pacific Ocean	Summer	Line	8734	76.98	Yes

What do you want to do with your dataset?

Marine_Fish_Data.csv
500 rows, 9 columns   No transforms applied   Retrain Model

‹ Back to Training Types

Predict

Predict Fields
Select which numerical or categorical fields to predict and optionally ignore.

| Predict | Ignore |

Search fields...

☐ Species_Name
☐ Region
☐ Breeding_Season
☐ Fishing_Method
☑ Average_Size(cm)
☐ Overfishing_Risk
☐ Water_Temperature(C)
☐ Water_Pollution_Level

Training Mode
Choose how long you would like to train your model. Longer training generally improves model accuracy.

Fastest

› Advanced Settings

Prediction Column
Average_Size... NUMBER

Expand Insights ⧉

📈 Regression Summary
Below is a breakdown of how well the model predicted your prediction column.

Accuracy is usually within
±40.46%
Predicted values were off by **20.9** compared to actual values on average

› See accuracy details

Average
Average_Size(cm)
56.02

Median
Average_Size(cm)
57.52

10.23   Average_Size(cm)   99.79

+ Add to Report

≡ Top Fields
Fields ranked by their contribution to the prediction results

Field	Contribution
Water_Temperature(C)	24.7%
Species_Name	20.0%
Fishing_Method	16.2%
Water_Pollution_Level	13.8%
Region	12.6%
Breeding_Season	8.7%

When Water_Temperatur... is   Impact on Average_Size(cm)

Range	Impact
15 to 17.84	+ 1.07
26.95 to 29.99	- 1.02
21.48 to 23.97	- 0.78
17.84 to 21.48	+ 0.48
23.97 to 26.95	+ 0.31

+ See more

+ Add to Report

Top Factors

Individual factors ranked by their contribution to the prediction results

Factor	Average Value of Average_Size(cm)	Factor Frequency	Impact on Average_Size(cm)
⌄ Species_Name is Mackerel	0	11%	- 2.88

Distribution of Species_Name

- Mackerel
- Herring
- Sardine
- Salmon
- Other

Average Value of Average_Size(cm)

Among records with this factor

0 - 2.88

Among all records

56.02

Factor Frequency

11% of all records have this factor

57 / 500 rows

Factor	Average Value of Average_Size(cm)	Factor Frequency	Impact on Average_Size(cm)
› Region is Mediterranean Sea	0	28%	- 2.35
› Water_Pollution_Level is High	0	33%	- 2.21
› Species_Name is Shark	0	11%	+ 1.95
› Water_Pollution_Level is Medium	0	37%	+ 1.67

+ See more

+ Add to Report
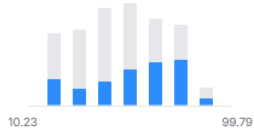
⠿ Segments

Sets of similar records in your dataset grouped by outcome of interest

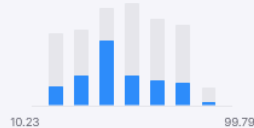| ● High Average_Size(cm)	● Medium Average_Size(cm)	● Low Average_Size(cm)
Large Snapper	Average Herring on Trawl	Small Cod on Line
This segment has the highest average size of marine fish, with a lower water temperature and a high likelihood of being Snapper.	This segment has an average size of marine fish, with an average water temperature and a high likelihood of being Herring caught using a trawl method.	This segment has the smallest average size of marine fish, with a higher water temperature and a high likelihood of being Cod caught using a line.

	High	Medium	Low
	10.23 — 99.79	10.23 — 99.79	10.23 — 99.79
Average Value of Average_Size(cm)	62.35	54.64	51.04
Segment size	37.0% of all records	28.0% of all records	35.0% of all records

Key Similarities	Segment Rate / Segment Average	Base Rate / Base Average	Rate vs. Baseline / Average Delta
› Breeding_Season is Monsoon	51.4%	33.0%	1.6x
› Species_Name is Snapper	16.2%	12.0%	1.4x
› Region is Pacific Ocean	43.2%	34.0%	1.3x
› Average value of Water_Temperature(C) is 17.93	17.9	22.7	-20.9%
› Fishing_Method is Line	45.9%	41.0%	1.1x

+ See more

＋ Add to Report

Web App   + Add deployment

Title
User-facing title for your web app.

Marine_Fish_Data

Description
User-facing description for your web app.

Optional

Select Fields
Select which fields to include.

Select All

- ☑ Species_Name
- ☑ Region
- ☐ Breeding_Season
- ☑ Fishing_Method
- ☐ Fish_Population
- ☐ Overfishing_Risk
- ☑ Water_Temperature(C)
- ☑ Water_Pollution_Level

Make Public
Allow anyone to access this app without requiring authentication.

Yes

Allow Bulk Upload
Allow users to make bulk predictions by uploading datasets in CSV format.

Yes

Show Probability
Show probabilities of categorical predictions in addition to the prediction itself.

Yes

Apply Data Prep
Applies Data Prep to the data before making predictions.

No

> Advanced Settings

Marine_Fish_Data

Species_Name	Region	Fishing_Method
Species_Name	Region	Fishing_Method

Water_Temperature(C)	Water_Pollution_Level
Water_Temperature(C)	Water_Pollution_Level

Predict

⬆ Upload CSV, XLSX or XLS

Marine_Fish_Data

Species_Name	Region	Fishing_Method
Shark	category	category

Water_Temperature(C)	Water_Pollution_Level
Number	category

Predict Fields

⬆ **Upload Excel, CSV, Parquet or JSON**

You can drag and drop a dataset (CSV, XLSX, XLS) anywhere on this page to upload.

What should my dataset look like?

6:49:32 PM

PREDICTION

Average_Size(cm)

56.49272155761719

INPUT

Species_Name: Shark