

# Water Potability Prediction powered by MindsDB

## Creating a Model

```
CREATE PREDICTOR mindsdb.water_quality_predictor  
FROM files  
(SELECT * FROM Water)  
PREDICT Potability;
```

## Checking Model Status

```
SELECT status  
FROM mindsdb.predictors  
WHERE name='water_quality_predictor';
```

## Querying the Model

```
SELECT Potability,Potability_confidence,Potability_explain  
FROM water_quality_predictor  
WHERE ph=6.9 AND Hardness=201  
AND Solids=11350.675 AND Chloramines=4.3 AND Sulfate=NULL  
AND Conductivity=467.5 AND Organic_carbon=9.98 AND  
Trihalomethanes=89.686 AND Turbidity=4.99;
```

## Dropping the Model

```
DROP PREDICTOR water_quality_predictor;
```



mindsdb PLAYGROUND