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Batch code:

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Submitted to data glacier

Loading data  df = pd.read_csv('titanic.csv') df.head()												
0				Braund, Mr. Owen Harris	male	22.0			A/5 21171	7.2500	NaN	
1				Cumings, Mrs. John Bradley (Florence Briggs Th	female	38.0			PC 17599	71.2833	C85	С
2				Heikkinen, Miss. Laina	female	26.0			STON/O2. 3101282	7.9250	NaN	
3				Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0			113803	53.1000	C123	
4				Allen, Mr. William Henry	male	35.0			373450	8.0500	NaN	

```
training model and saving it it

]: model = DecisionTreeClassifier(max_depth=1)
    model.fit(X_train,y_train)
    pickle.dump(model, open('model.pkl','wb'))
```

```
index.html

    ■ Release Notes: 1.76.2

                                        app.py
                                                   X ≡ requirements.txt

    app.py > Python > 
    predict

  import numpy as np
from flask import Flask, request,render_template
     app = Flask(__name__)
      model = pickle.load(open('model.pkl', 'rb'))
      @app.route('/')
      def home():
         return render_template('index.html')
      @app.route('/predict',methods=['POST'])
      def predict():
           For rendering results on HTML GUI
           int_features = [int(x) for x in request.form.values()]
           final_features = [np.array(int_features)]
           prediction = model.predict(final_features)
           output = "yes"
          if prediction == 0:
            output = "no"
          return render_template('index.html', prediction_text='survived {}'.format(output))
      if __name__ == "__main__":
          app.run(debug=True)
```

## Did they survive the titanic?

Fare
Age

sex: 1 is male 2 0 is female

Predict

## Did they survive the titanic?

Fare

Age

sex: 1 is male 2.0 is female

**Predict** 

survived yes