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BATCH CODE: LISUM33

Data Selection:

The Iris dataset comprises 150 samples of iris flowers, with 50 samples from each of three species: Iris setosa, Iris virginica, and Iris versicolor. The dataset contains four features measured from each flower: sepal length, sepal width, petal length, and petal width.

| | - | _ |
|-----|-----|---|
| | 115 | |
| 101 | | |
| _ | | |

| | sepallength | sepalwidth | petallength | petalwidth | class |
|-----|-------------|------------|-------------|------------|----------------|
| 0 | 5.1 | 3.5 | 1.4 | 0.2 | Iris-setosa |
| 1 | 4.9 | 3.0 | 1.4 | 0.2 | Iris-setosa |
| 2 | 4.7 | 3.2 | 1.3 | 0.2 | Iris-setosa |
| 3 | 4.6 | 3.1 | 1.5 | 0.2 | Iris-setosa |
| 4 | 5.0 | 3.6 | 1.4 | 0.2 | Iris-setosa |
| | *** | *** | | *** | *** |
| 145 | 6.7 | 3.0 | 5.2 | 2.3 | Iris-virginica |
| 146 | 6.3 | 2.5 | 5.0 | 1.9 | Iris-virginica |
| 147 | 6.5 | 3.0 | 5.2 | 2.0 | Iris-virginica |
| 148 | 6.2 | 3.4 | 5.4 | 2.3 | Iris-virginica |
| 149 | 5.9 | 3.0 | 5.1 | 1.8 | Iris-virginica |

150 rows x 5 columns

Model Training:

Saving the Model:

```
#gave model,
with open('iris_model.ptl', 'wh') as f:
pintle_dump(model, f)

Python
```

Developing Flask Application:

Creating index.html:

```
| Santa | Decision | Color | C
```

Creating style.css:

Update Flask application:

Web Application:



