

```
Downloads/Thyroid/app.py', wdir='C:/Users/  
SmartBridge-PC/Downloads/Thyroid')
```

- \* Serving Flask app "app" (lazy loading)
- \* Environment: production

**WARNING: This is a development server. Do not use it in a production deployment.**

Use a production WSGI server instead.

- \* Debug mode: off

\* Running on <http://127.0.0.1:5000/> (Press  
CTRL+C to quit)

Render HTML page:

```
@app.route("/")  
def about():  
    return render_template('home.html')
```

**TSH**

TSH

**T3**

T3

**TT4**

TT4

**T4U**

T4U

**FTI**

FTI

**TBG**

TBG

Submit

Home

Predict

# Thyroid Disease Classification

goitre

Male ▾

tumor

Male ▾

hypopituitary

Male ▾

psych

Male ▾

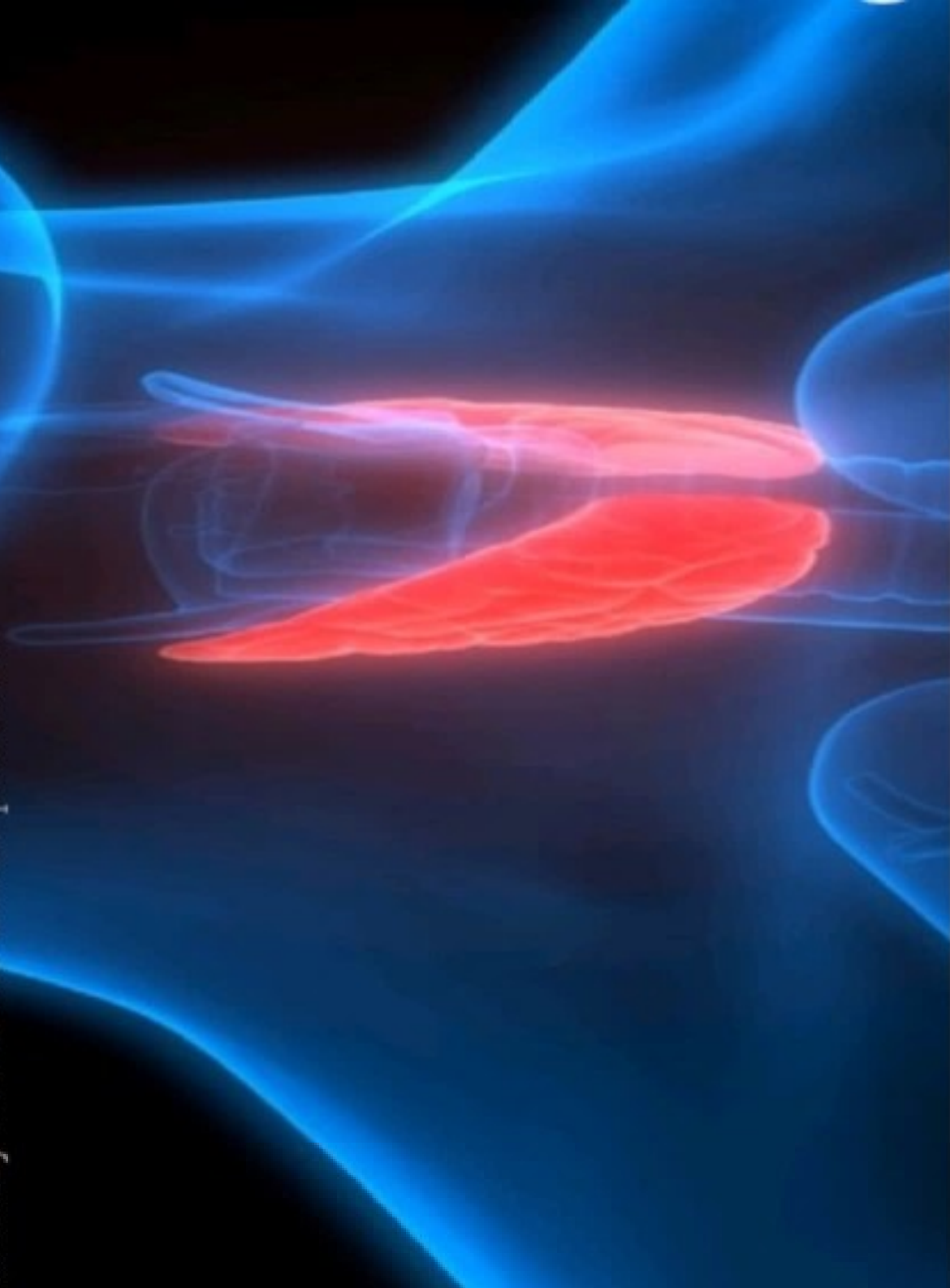
TSH

TSH



## Thyroid Diseases Classification

The two types of Thyroid disorders are *Hyperthyroidism* and *Hypothyroidism*. When this disorder occurs in the body, they release certain type of hormones into the body which imbalances the body's metabolism. Machine Learning plays a very deciding role in the disease prediction.



# Thyroid Disease Classification

Based on the given input, it predicts Thyroid disease for your body conditions ['miscellaneous'].

```
from flask import Flask, render_template, request
import numpy as np
import pickle
import pandas as pd
```

```
model = pickle.load(open(r"C:\Users\SmartBridge-PC\Downloads\Thyroid\thyroid1_model.pkl", 'rb'))  
le = pickle.load(open("label_encoder.pkl", 'rb'))
```

```
app = Flask(__name__)
```



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# Thyroid Disease Classification

Based on the given input, it predicts Thyroid disease for your body condition is ['miscellaneous'].