

Program:

```
Import random
```

```
Def predict_earthquake():
```

```
    # Simulate a basic random prediction
```

```
    Magnitude = random.uniform(2.0, 9.0)
```

```
    If magnitude < 5.0:
```

```
        Return "No Earthquake"
```

```
    Elif magnitude < 6.0:
```

```
        Return "Minor Earthquake"
```

```
    Elif magnitude < 7.0:
```

```
        Return "Moderate Earthquake"
```

```
    Else:
```

```
        Return "Major Earthquake"
```

```
If __name__ == "__main__":
```

```
    Prediction = predict_earthquake()
```

```
    Print(f"Earthquake Prediction: {prediction}")
```