In [18]:
```
print('🚘 Routematic Shift Ride Notification Company Employee')

employee_id = int(input('Enter the Employee ID: '))
shift_type = int(input('Enter the Shift Type: '))

# Prepare input data
input_point = np.array([[employee_id, shift_type]])

# Make prediction
prediction = model.predict(input_point)[0]

# Decode categorical values
result = {

            "Pickup Time": df["Pickup_Time"].get(int(prediction[11]), "Unknown"),
            "Pickup Address": df["Pickup_Address"].get(int(prediction[5]), "Unknown"),
            "Drop Company": df["Drop_Company"].get(int(prediction[6]), "Unknown"),
            "Drop Address": df["Drop_Address"].get(int(prediction[7]), "Unknown"),
            "Distance (km)": round(prediction[0], 2),
            "Duration (min)": round(prediction[1], 2)

       }

# Display result
print("\n🚀 Routematic Ride Shift Notification Company Employee:")
for key, value in result.items():
    print(f"{key}: {value}")
```

```
🚘 Routematic Shift Ride Notification Company Employee
Enter the Employee ID: 6390
Enter the Shift Type: 1

🚀 Routematic Ride Shift Notification Company Employee:
Pickup Time: 08:30 AM
Pickup Address: Magarpatta, Pune
Drop Company: Capgemini
Drop Address: Capgemini, Talwade IT Park, Pune
Distance (km): 30.85
Duration (min): 47.1
```

In [ ]:
```
# More Advance Working Sonn..!
# Notebook Project By : PRASAD JADHAV (ML-ENG)
# LinkedIn: linkedin.com/in/prasadmjadhav2 | Github: github.com/prasadmjadhav2 | Mail: prasadmjadhav6161@gmail.com
```

Thank You!