```
seed: int = 89
    feature_cols = [
        "semantic_location",
        "hour",
        "is_weekend",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.9266233), 'exact_accuracy': np.float32(0.5476459), 'lm_loss': np.float32(0.5219431), 'q_halt_accuracy': np.float32(0.5476459), 'q_halt_loss': np.float32(6.4336967), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.8780024509803922}

```
feature_cols = [
        "semantic_location",
        "hour",
        "is_weekend",
        "day_of_week",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.9931611), 'exact_accuracy': np.float32(0.93548054), 'lm_loss': np.float32(0.14798126), 'q_halt_accuracy': np.float32(0.79967177), 'q_halt_loss': np.float32(0.53521955), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.9717779820261437}

```
seed: int = 42
    feature_cols = [
        "semantic_location",
        "hour",
        "is_weekend",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.9378928), 'exact_accuracy': np.float32(0.5558519), 'lm_loss': np.float32(0.38352987), 'q_halt_accuracy': np.float32(0.5558519), 'q_halt_loss': np.float32(5.303941), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.9010518790849673}

```python
    feature_cols = [
        "semantic_location",
        "hour",
        "is_weekend",
        "day_of_week",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.99745023), 'exact_accuracy': np.float32(0.972151), 'lm_loss': np.float32(0.16623312), 'q_halt_accuracy': np.float32(0.966612), 'q_halt_loss': np.float32(0.30280972), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.9867238562091504}

```python
    feature_cols = [
        "semantic_location",
        "cluster",
        "hour",
        "is_weekend",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.28705943), 'exact_accuracy': np.float32(0.0), 'lm_loss': np.float32(4.6511292), 'q_halt_accuracy': np.float32(0.0699046), 'q_halt_loss': np.float32(9.410933), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.45542790032679736}

```python
feature_cols = [
        "semantic_location",
        "hour",
        "is_weekend",
        "charging_status",
        "bluetooth_status",
        "user",
    ]
```

{'all': {'accuracy': np.float32(0.92255807), 'exact_accuracy': np.float32(0.60118985), 'lm_loss': np.float32(0.43217453), 'q_halt_accuracy': np.float32(0.60118985), 'q_halt_loss': np.float32(4.8921633), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.9427134395424837}

```
feature_cols = [
    "Mapping",
    "hour",
    "is_weekend",
    "charging_status",
    "bluetooth_status",
    "user",
]
```

{'all': {'accuracy': np.float32(1.0), 'exact_accuracy': np.float32(1.0), 'lm_loss': np.float32(0.03799493), 'q_halt_accuracy': np.float32(0.99738437), 'q_halt_loss': np.float32(0.021566637), 'steps': np.float32(16.0)}, 'custom_accuracy': 0.9956086601307189}