

```

<scenario>
<steps>
  <Step name="Data Preparation">
    <Task name="Read database table" />
    <Task name="Exclude record ID and variable short name
columns" />
  </Step>
  <Step name="Feature Selection">
    <Task name="Select electrical current columns for feature
set" />
  </Step>
  <Step name="Model Training">
    <Task name="Build LASSO regression model" />
    <Task name="Set torque column as prediction target" />
  </Step>
  <Step name="Prediction">
    <Task name="Predict torque values using the trained model"
/>
  </Step>
  <Step name="Comparison">
    <Task name="Compare predicted torque values with real
values" />
  </Step>
</steps>
</scenario>

```

Consider the definitions (between <definitions>
</definitions>) of step and task as well as of inclusion,
extension and specialisation between pairs of analysis scenarios.

<definitions>

An analysis scenario is composed of steps and each step is
accomplished through a series of tasks. You can think of a step as
a macro-group of affine tasks.

Specialisation relationship between scenarios: indicates that a
scenario adds several steps/tasks with respect to another
scenario.

Extension relationship between scenarios: to emphasise that a
scenario presents a list of steps/tasks that is a variation of the
steps/tasks of another scenario.

Inclusion relationship between scenarios: indicates that a
scenario is included in other scenarios by specifying that the
steps/tasks within one scenario are inclusive of the steps/tasks
in other ones.

</definitions>

Based on the definitions between <definitions> </definitions>, and the analysis scenarios provided in the uploaded files, suggest steps that I may add to complete the scenario delimited by <scenario></scenario>.

If you are not able to answer, say "I don't know". For each suggested scenario, print its steps (between <steps></steps>) and tasks (between <tasks></tasks>).

Based on the definitions provided and the analysis scenarios in the uploaded files, here are the steps that you may add to complete the scenario delimited by <scenario></scenario>:

Suggested Steps and Tasks from Analysis Scenario AS1 and AS2

Step: Data Anonymisation (from AS2)

```
<steps>
  <Step name="Data Anonymisation">
    <Task name="Remove references to plant location" />
  </Step>
</steps>
```

Step: Interpolation of Measures (from AS1 and AS2)

```
<steps>
  <Step name="Interpolation of Measures">
    <Task name="Timestamp alignment" />
    <Task name="Linear interpolation - external temperatures"
/>
    <Task name="Linear interpolation - displacements" />
    <Task name="Merge internal and external temperatures
datasets" />
  </Step>
</steps>
```

Suggested Steps and Tasks from Analysis Scenario AS3

Step: Features Selection

```
<steps>
  <Step name="Features Selection">
    <Task name="Internal and external temperatures features
selection with factor analysis" />
  </Step>
</steps>
```

By adding these steps, you ensure a more comprehensive analysis scenario that covers data preparation, anonymisation, interpolation, feature selection, model training, prediction, and comparison.