Consider the definitions (between <definitions> </definitions>) of step and task 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.

</definitions>

Query: suggest me the steps I have to perform to accomplish the following analysis scenario, provided as a textual description Analysis scenario: I have to read a database table, containing 10 columns: 1 column for the record ID, 1 column for the variable short name, 1 column for a timestamp value, 6 columns containing electrical current values and a column containing torque values (in Newton meter) collected from a smart machine engine.

The columns containing the record ID and the variable short name are not required for the next analysis steps.

I want to use the 6 columns containing electrical current values for building a LASSO regression model and the torque has to be the prediction target for the model.

Afterwards, I want to compare the predicted torque values with the real values.

Base your answer only on the analysis scenarios provided in the given
context: <context>{context}</context>

Based on the provided analysis scenarios, here are the steps you should perform for your described analysis scenario:

```
<steps>
    <Step id="1" name="Data collection">
        <!-- Tasks related to reading the database table and
selecting relevant columns -->
    </Step>
    <Step id="2" name="Data preprocessing">
        <!-- Tasks related to preprocessing the data, such as
removing unnecessary columns -->
    </Step>
    <Step id="3" name="Feature selection">
        <!-- Tasks related to selecting features for the LASSO
regression model -->
    </Step>
    <Step id="4" name="Model training">
        <!-- Tasks related to training the LASSO regression model
-->
    </Step>
    <Step id="5" name="Prediction">
        <!-- Tasks related to predicting torque values using the
trained model -->
```

```
</Step>
    <Step id="6" name="Comparison">
        <!-- Tasks related to comparing predicted torque values
with real values -->
    </Step>
</steps>
Now you can proceed with detailing the tasks for each step.
Consider the definitions (between <definitions>
</definitions>) of step and task of analysis scenarios.
Consider the following list of steps (between <steps></steps>):
<steps>
    <Step id="1" name="Data collection">
       <!-- Tasks related to reading the database table and selecting
relevant columns -->
   </Step>
    <Step id="2" name="Data preprocessing">
        <!-- Tasks related to preprocessing the data, such as removing
unnecessary columns -->
   </Step>
    <Step id="3" name="Feature selection">
        <!-- Tasks related to selecting features for the LASSO
regression model -->
    </Step>
    <Step id="4" name="Model training">
       <!-- Tasks related to training the LASSO regression model -->
    <Step id="5" name="Prediction">
        <!-- Tasks related to predicting torque values using the
trained model -->
   </Step>
   <Step id="6" name="Comparison">
        <!-- Tasks related to comparing predicted torque values with
real values -->
   </Step>
</steps>
Query: suggest me the tasks I may execute to accomplish the step with
id="4" and name="Model training".
Produce as output only the ordered list of tasks (between
<tasks></tasks>).
Base your answer only on the analysis scenarios provided in the given
context: <context>{context}</context>
Sure, here are the tasks to accomplish the step with id="4" and
```

name="Model training" based solely on the provided context

```
<tasks>
   <Task id="1" name="Create dataset with electrical current
values and torque">
        <!-- Task details: Extract the relevant columns
(electrical current values and torque) from the preprocessed data
-->
   </Task>
   <Task id="2" name="Split dataset">
        <!-- Task details: Split the dataset into training and
testing sets -->
    </Task>
    <Task id="3" name="Normalize data">
        <!-- Task details: Normalize the features to ensure they
have similar scales -->
   </Task>
   <Task id="4" name="Train LASSO regression model">
        <!-- Task details: Train the LASSO regression model using
the training data -->
   </Task>
</tasks>
```