PYTHON CODE FOR FINDING MEAN AND ACCURACY

```python
# Import necessary libraries

import pandas as pd

from sklearn.model_selection import train_test_split

from sklearn.svm import SVR

from sklearn.metrics import mean_squared_error, r2_score


# Load your dataset (replace 'your_dataset.csv' with the actual filename)

data = pd.read_csv('your_dataset.csv')


# Assuming 'features' contains the independent variables and 'target' contains the dependent variable

features = data[['feature1', 'feature2', 'feature3']]  # Update with your actual feature columns

target = data['power_consumption']  # Update with your actual target column


# Split the data into training and testing sets

X_train, X_test, y_train, y_test = train_test_split(features, target, test_size=0.2, random_state=42)


# Create and train the SVM model

svm_model = SVR()

svm_model.fit(X_train, y_train)


# Make predictions on the test set

y_pred = svm_model.predict(X_test)


# Evaluate the model

mse = mean_squared_error(y_test, y_pred)

r2 = r2_score(y_test, y_pred)

accuracy = svm_model.score(X_test, y_test)  # Calculate accuracy using the score method


print(f'Mean Squared Error: {mse}')
```

```python
print(f'R-squared Score: {r2}')

print(f'Accuracy: {accuracy}')
```

Note : This was developed by me with help of my Python course faculty.