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```python
# If not installed, run once:
# !pip install scikit-learn joblib

import joblib
from sklearn.linear_model import SGDRegressor
```

```python
# Meta model for ARIMA 1-day correction
meta_arima_1d = SGDRegressor(
    loss="squared_error",
    learning_rate="invscaling",
    eta0=0.001,
    max_iter=1,
    warm_start=True,
    random_state=42,
)

# Meta model for LSTM 1-day correction (or output)
meta_lstm_1d = SGDRegressor(
    loss="squared_error",
    learning_rate="invscaling",
    eta0=0.001,
    max_iter=1,
    warm_start=True,
    random_state=43,    # different seed if you want
)

# Meta model for Prophet 1-day correction (or output)
meta_prophet_1d = SGDRegressor(
    loss="squared_error",
    learning_rate="invscaling",
    eta0=0.001,
    max_iter=1,
    warm_start=True,
    random_state=44,
)
```

```python
joblib.dump(meta_arima_1d, "meta_arima_1d.pkl")
joblib.dump(meta_lstm_1d, "meta_lstm_1d.pkl")
joblib.dump(meta_prophet_1d, "meta_prophet_1d.pkl")

print("✅ Saved:")
print(" - meta_arima_1d.pkl")
print(" - meta_lstm_1d.pkl")
print(" - meta_prophet_1d.pkl")
```

✅ Saved:
 - meta_arima_1d.pkl

```
        - meta_lstm_1d.pkl
        - meta_prophet_1d.pkl
```

Start coding or generate with AI.

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