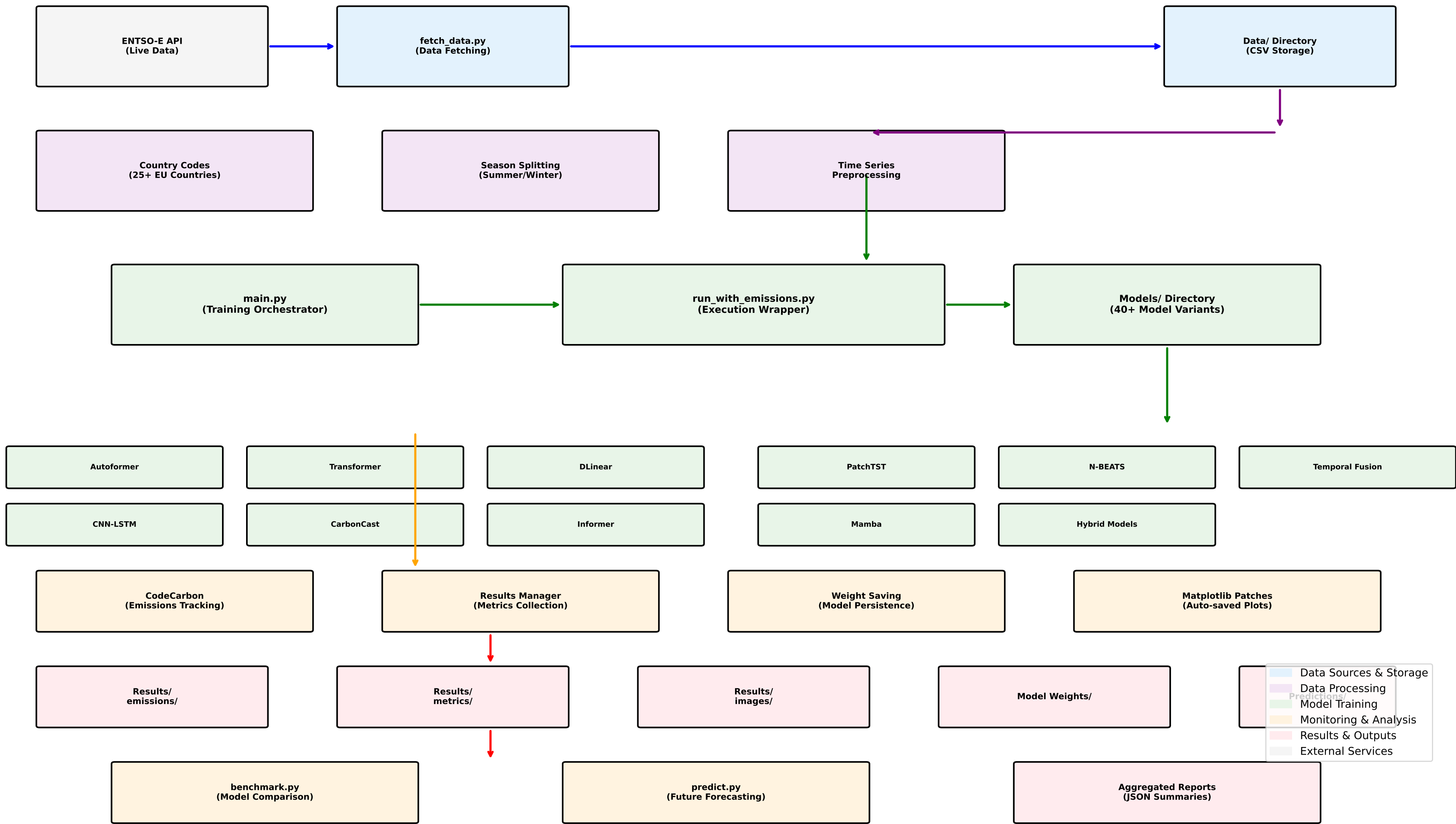


# BioNet: Renewable Energy Forecasting Workflow



## 1. Fetch Data

### Key Features:

- 25+ European countries supported
- 40+ model variants (Transformers, LSTMs, etc.)
- Automatic emissions tracking with CodeCarbon
- Seasonal data splitting (Summer/Winter)
- Comprehensive benchmarking and comparison
- Real-time prediction capabilities
- Automated result organization by model/country/season

## 2. Process & Split

## 3. Train Models

## 4. Track Emissions

## 5. Save Results

## 6. Benchmark & Predict