

## Method Description

### General Information

Type of Entry ( <i>Academic, Practitioner, Researcher, Student</i> )	Practitioner
First Name	n/a
Last Name	n/a
Country	n/a
Type of Affiliation ( <i>University, Company-Organization, Individual</i> )	Company-Organization
Affiliation	Smart Forecast

### Team Members (*if applicable*):

1 <sup>st</sup> Member	
First Name	n/a
Last Name	n/a
Country	n/a
Affiliation	n/a
2 <sup>nd</sup> Member	
First Name	n/a
Last Name	n/a
Country	n/a
Affiliation	n/a

### Information about the method utilized

Name of Method	Smart Forecast
Type of Method ( <i>Statistical, Machine Learning, Combination, Other</i> )	Statistical
Short Description (up to 200 words)	Smart Forecast Engine uses a combination of multiple statistical techniques such as Simple Moving Averages, Seasonal Moving Averages, Exponential Smoothing, ARIMA etc.

## Extended Description:

### Steps to access the Smart Forecast Platform to test reproducibility of results

1. Go to the link shared in the email to [m4@fsu.gr](mailto:m4@fsu.gr) and login with the credentials provided.
2. You will be redirected to the Smart Forecast page.
3. Enter the project name
4. Upload the following files.
  - Data File - This file should contain the input series, along with series ID (provided under column V1). The format is same as provided by M4.
  - Meta File – this is the same M4-info file as provided by M4.



The screenshot displays the Smart Forecast web application interface. At the top, the logo "Smart Forecast" is accompanied by the tagline "Be a forecasting hero!" and a "Log Out" button. The main content area is divided into three sections: "Data Upload", "Completed Projects", and "In-Progress Projects". The "Data Upload" section contains a "Project Name" input field, "Data File" and "Meta File" upload buttons (labeled "Browse..."), and a note stating "Note: Only CSV file uploads accepted (Max size limit: 5MB)". A blue "Upload and Forecast" button is positioned at the bottom of this section.

5. Click on the "Upload and Forecast" Button.
6. The project name will be shown under "In-Progress Projects" section.
7. When all the series in the project have been forecasted, the project name will be shown under "Completed Projects" section and can be downloaded by clicking on the it.

Please note following-

- Only CSV file uploads are accepted.
- Maximum file upload size is 5 MB per file.
- Project Name, Data File, Meta File are mandatory fields.
- Project Names have to be unique. Two projects of exactly same name are not allowed.
- The Meta File should contain meta data for all series that are given in Data File.
- The Meta File should necessarily contain 'M4id', 'Horizon', 'SP' fields.
- The Data File should not contain series with missing values or text as values. Only integer and decimal values are allowed.