



Supplier Evaluation

Guide to using the Supplier Evaluation tool

January, 2023

StudiaBo srl
via Santo Stefano 57, 40125 Bologna
tel. +39 051 5870353
C.F e P.iva: 03087661207
www.studiabo.it

Indice

Introduction	3
Uploading User Data	3
User data structure	4
User data control	4
Basic Evaluation	5
Matching Table	6
Session Management	7
Advanced Evaluation	8

Introduction

PricePedia's **Supplier Evaluation** tool is an **essential** tool to help companies make **informed decisions** regarding the purchase of goods and services. and services. With it, users can **import their business data** in Excel or CSV format and **analyses** it to extract useful information for the decision-making process.

The analysis allows users to check the accuracy of company data through the visualisation of the data in graphs and tables, as well as obtaining an **assessment of its suppliers**. This allows companies to identify any problems or inefficiencies in their purchasing processes and to identify the suppliers offering the best prices and quality.

The tool also offers two types of evaluation: the **Basic Evaluation** and an **Advanced Assessment**. The Basic Assessment provides a general overview of company and supplier data, while the Advanced Assessment provides a more detailed and customisable a more detailed and customisable analysis. This allows companies to tailor the analysis to their specific needs and make informed decisions based on the information obtained. informed decisions based on the information obtained.

The tool also allows you to use the benchmarks from the Pricepedia Forecast Scenario to make a **24-month forecast of company prices**.

In summary, PricePedia's **Supplier Evaluation** tool is an effective tool to help companies **optimise** their purchasing processes and make make informed decisions about suppliers. It helps identify problems and inefficiencies, and provides valuable information to help companies to **save money** and improve the **quality of their purchases**.

Uploading User Data

The initial section of PricePedia's **Supplier Evaluation** tool offers a simple and **intuitive** interface to upload your business data. You can upload files in **Excel or CSV** format using the file upload mask. The **“Choose File”** button opens a window to select the file from your computer, or you can upload the file by **dragging it** into the **Drag & Drop** window specially designed for this purpose.

The screenshot shows the 'Upload User Data' section of the PricePedia Supplier Evaluation tool. The interface includes a navigation bar with 'PRICEPEDIA' and various menu items like 'PRICE DATA', 'TOOLS', 'DATAVIZ', 'MAGAZINE', 'PRICING', 'TESTIMONIALS', and 'INFO'. Below the navigation bar, there are tabs for 'Supplier Evaluation', 'Upload data', 'Check data', 'Basic evaluation', 'Connection table', and 'Advanced evaluation'. The main content area is titled 'UPLOAD USER DATA' and contains the following text:

This section allows users to upload their own data and analyse them to extract information useful for decision-making.

Upload the data of your purchases in XLSX/CSV format. The uploaded file should have the columns and be formatted such as the following example files:

- Supplier evaluation [Example](#)
- Company price forecast [Example](#)

You will be able to find a more detailed description of the data structure in the [User guide](#)

To make a correct comparison between company prices and PricePedia prices, please note that all PricePedia prices are always considered net of VAT.

A green notification box states: 'File uploaded successfully!'

Below the notification, there is a file selection area with a button labeled 'Scegli file' and a text input field containing 'example_fornitori.csv'. Below this, there is a link: 'Upload an xls/x/csv file (max. 10 MB)'. A dashed box contains the text 'Or drag your file here'. At the bottom, there is a 'Continue' button.

Once the file has been uploaded, the tool automatically performs a series of **quality checks** on the data to ensure that they are **complete and correct**. In the event of any problems, **error messages** will be displayed to indicate which information is missing or invalid. In this way, users users can **correct** their data and upload it again easily.

User data structure

Next to the file upload window there is a link to **download a sample file**, containing the data. The file uploaded by the user must respect the same **structure as the example file**, including the **column names**, the **number of columns** and the **date format**. This ensures that the uploaded data is compatible with the tool and can be analysed **correctly**.

The loaded Excel or CSV file must contain the following columns:

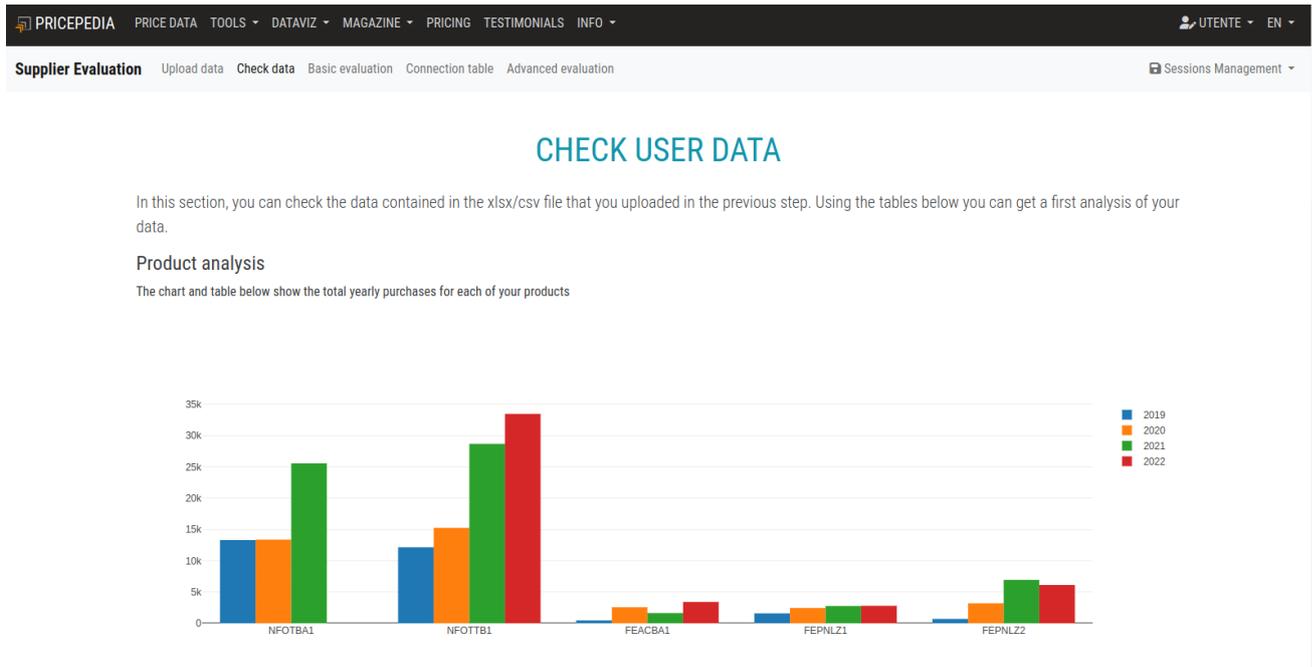
- **PERIOD**: the dates of the purchases in the format 2025-01-30 (YYYY-MM-DD)
- **PROD**: the product identification code
- **PROD_DES**: the product description
- **PROD_UM**: the unit of measure in EURO/KG (CURRENCY/ MEASURE) format
- **FOR**: the name of the supplier
- **Q**: the quantity of product purchased
- **V**: the price paid.

It is important that the data are entered in the appropriate columns and that they are correctly formatted. Otherwise, the tool may generate errors or provide unreliable results. The example file provides a useful guide the tool and to avoid any formatting problems. possible formatting problems.

The tool currently only allows data to be entered in **EURO**.

User data control

In the user data control section, users can assess the correctness of their uploaded data and obtain a **first analysis** of their data. This section includes several **graphs and tables** that allow you to visualise data in an intuitive way and identify any **problems or inefficiencies** in your purchasing processes.



There are three main analyses in this section:

Product analysis

The **graph and table** in this section allow the analysis of the annual** purchases** of **products**. This allows you to identify which products have been purchased the most and the least and to identify any **trends** in your purchases.

Analysis of Suppliers

The **graph and table** in this section allows you to analyse **annual purchases** by supplier. **This allows you to identify which suppliers were used the most and the least and to identify any problems or inefficiencies**** in your supplier relationships.

Price Analysis

The **graph and table** in this section allow you to analyse the **purchase prices** for each **product** from the **different suppliers**. This allows you to identify the suppliers offering the best prices and to identify any **problems or inefficiencies** in your purchasing processes.

Basic Evaluation

In the **Basic Evaluation** section, you will be presented with a ****supplier evaluation***. based only on the company's own purchasing data. The reference price is calculated as the **average price** of the total of annual purchases made by the company for the product in question from all its suppliers.

PRICEPEDIA PRICE DATA TOOLS ▾ DATAVIZ ▾ MAGAZINE ▾ PRICING TESTIMONIALS INFO ▾

Supplier Evaluation Upload data Check data Basic evaluation Connection table Advanced evaluation Sessions Management ▾

BASIC EVALUATION

Base evaluation is a method for evaluating suppliers based only on the company's own purchasing data. The base price is calculated as the average price of the total annual purchases made by the company for the product in question from all its suppliers/b>.

- A **negative value** of the data shown in the table means that the total value of purchases made from that supplier is less than the value that would have been obtained by valuing the same quantities at the reference price. Thus, it represents the transfer of value from the supplier to the purchasing firm, made possible by the greater efficiency of the supplier's processes.
- Conversely, a **positive value** represents the cost to the enterprise for purchases made from less efficient suppliers.

TOTALE		FUTURA METALLURGICA S.P.A.	MECCANICA PRECISIONE S.R.L.	METAL ENGINEERING S.R.L.	NUOVA FORGIATURA S.P.A.
		-106	234	-313	185

PROD	PROD_DES	FUTURA METALLURGICA S.P.A.	MECCANICA PRECISIONE S.R.L.	METAL ENGINEERING S.R.L.	NUOVA FORGIATURA S.P.A.
FEACBA1	Steel rebar	-53	27	-26	51
FEPNLZ1	Electro-zinc plated flat products	0	0	0	0
FEPNLZ2	Non-corrugated zinc plated flat products	0	-57	-25	83
NFOTBA1	Brass bars	27	-22	-56	51
NFOTTB1	Brass tubes	-80	286	-206	0

- A negative **value** of the data in the table means that the total value of the purchases made by that supplier is lower than the value that would be would have been obtained by valuing the same quantities at the reference price. It therefore represents the transfer of value from the supplier to the buyer, made possible by the **greater efficiency** of the **supplier's** processes.
- Conversely, a **positive value** represents the cost to the enterprise for the purchases from **less efficient** suppliers**.

In this way, the **Base Evaluation** allows users to quickly evaluate their suppliers based on their purchasing data and to identify the most efficient and the least efficient suppliers. This enables users to make informed decisions about their suppliers and optimise their purchasing processes.

Matching Table

In order to **compare** corporate prices with PricePedia prices and access the **Advanced Rating** and **Price Forecast**, you need to match your company products with the corresponding product time series on the PricePedia portal.

The **Matching Table** allows you to associate each company product with a PricePedia reference price. The user can use the search with the button with the “**Magnifying glass**” icon to **search and match** their products to the corresponding PricePedia products.

PRICEPEDIA PRODUCTS CONNECTION

To be able to compare company prices with PricePedia prices, the table connection that follows allows you to associate each product of the company a PricePedia reference price. Once you link with a your product, through the button  you will be able to view the price dynamics of your product compared with PricePedia reference prices.

Furthermore, by choosing a reference price from the Pricepedia Scenario, it is possible to view the forecast of the company price associated with it by clicking on the link .

PROD	PROD_DES	PROD_UM	PROD_UM_CON	PROD_PP_UM	PROD_PP	PROD_PP_DES	PROD_PP_SEZ	FORECAST
NFOTBA1	Brass bars	EURO/KG	1000	EUR/TON	<input type="text" value="NFOTBA1"/>	Brass bars	EU Customs	
NFOTTB1	Brass tubes	EURO/KG	1000	EUR/TON	<input type="text" value="NFOTTB1"/>	Brass tubes	EU Customs	
FEACBA1	Steel rebar	EURO/KG	1000	EUR/TON	<input type="text" value="FEACBA1"/>	Steel rebar	EU Customs	
FEPNLZ1	Electro-zinc plated flat products	EURO/KG	<input type="text"/>		<input type="text"/>			
FEPNLZ2	Non-corrugated zinc plated flat products	EURO/KG	<input type="text"/>		<input type="text"/>			

Continue

Once the link between a company product and a Price PricePedia, the user can use the button with the **Eye** icon to view the price dynamics of their product with the PricePedia reference prices. PricePedia reference.



The PROD_UM_CON column contains the conversion coefficient between the unit of measurement of the PROD_UM series and the unit of measurement of the PricePedia PROD_PP_UM series. If the tool is not able to automatically determine the PROD_UM_CON value, the entry must be made manually.

Session Management

Using the Session Management tool you can **save and load** your your connection tables so that they can be completed or used **later** or in a **different evaluation**. In this way you will have the ability to

access previously entered information and to continue working on them without having to re-enter data.

Advanced Evaluation

In the **Advanced Evaluation** section, an evaluation of the suppliers **by comparing** the purchase data of the **company** with the monthly market prices from **PricePedia**. In this way, you can get a more accurate view of the suppliers' performance in relation to the market.

PRICEPEDIA
PRICE DATA TOOLS ▾ DATAVIZ ▾ MAGAZINE ▾ PRICING TESTIMONIALS INFO ▾
UTENTE ▾ EN ▾

Supplier Evaluation
Upload data Check data Basic evaluation Connection table **Advanced evaluation**
Sessions Management ▾

ADVANCED EVALUATION

Advanced assessment is a method for assessing suppliers who by comparing the data of the purchases made by the company with the PricePedia's monthlies market prices. That way, you can get insight more accurate than suppliers' performance in relation to the market.

- A **negative value** of the data shown in the table means that the total value of purchases made from that supplier is less than the value that would have been obtained by valuing the same quantities at the price PricePedia reference. It therefore represents the transfer of value from the supplier to the purchasing firm, made possible by greater efficiency of supplier processes.
- Conversely, a **positive value** represents the cost to the enterprise for purchases made from less efficient suppliers.

TOTALE	FUTURA METALLURGICA S.P.A.	MECCANICA PRECISIONE S.R.L.	METAL ENGINEERING S.R.L.	NUOVA FORGIATURA S.P.A.
	541	5 480	-204	2 111

PROD	PROD_DES	FUTURA METALLURGICA S.P.A.	MECCANICA PRECISIONE S.R.L.	METAL ENGINEERING S.R.L.	NUOVA FORGIATURA S.P.A.
FEACBA1	Steel rebar	-41	402	-35	61
FEPNLZ1	Electro-zinc plated flat products	42	444	0	87
FEPNLZ2	Non-corrugated zinc plated flat products	0	373	57	175
NFOTBA1	Brass bars	-235	45	-87	1 788
NFOTTB1	Brass tubes	775	4 216	-139	0

- A **negative value** of the data in the table means that the value total value of the purchases made by that supplier is lower than the value that would be would have been obtained by valuing the same quantities at the reference price PricePedia. It therefore represents the transfer of value from the supplier to the purchasing company, made possible by the greater efficiency of the supplier's processes of the supplier.
- Conversely, a **positive value** represents the cost to the enterprise for the purchases from **less efficient suppliers**.