



भारतीय विचारधारा का वैश्वीकरण
Globalizing Indian Thought

नालन्दा
नालन्दा - पुस्तकालय और सूचना केंद्र
Library and Information Centre
Your Strategic Learning Partner

USER GUIDE



CMIE

Prowess_{dx}



ഇന്ത്യൻ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് മാനേജ്മെന്റ് കോഴിക്കോട്
भारतीय प्रबंध संस्थान कोषिककोड
Indian Institute of Management Kozhikode
Globalizing Indian Thought



CMIE Prowess DX

[\(https://prowessdx.cmie.com/\)](https://prowessdx.cmie.com/)

Description

Prowess is a delivery of the Prowess database that is dx specially designed for academia. It facilitates easy download of large amounts of data from the Prowess database. Prowess India delivers data for over 50,000 companies. dx It provides a me-series of financial and markets data since 1990. The database does not suffer any deliberate survival bias. The service facilitates storage of specific files used to download data, sharing of the specified files and replicon of downloads. Prowess delivers the data as dx de-limited text files. The service envisages users processing the downloaded data in professional statistical packages or using their own software. The database includes the following kinds of informaon: 1 Basic identity and classification information 2 Board of directors and ownership of equity 3 Auditors, bankers, subsidiaries 4 Related party transacons, bulk deals, insider trading 5 Annual financial statements of stand-alone and consolidated statements including all financial raos 6 Interim financial statements and raos 7 Stock prices, dividend declarations, daily total returns, earnings raos 8 Business segments, products produced or traded, energy consumption of Mergers and acquisitions The database is standardized to enable inter-company and temporal comparability of the data.

Major Subject Areas Covered:

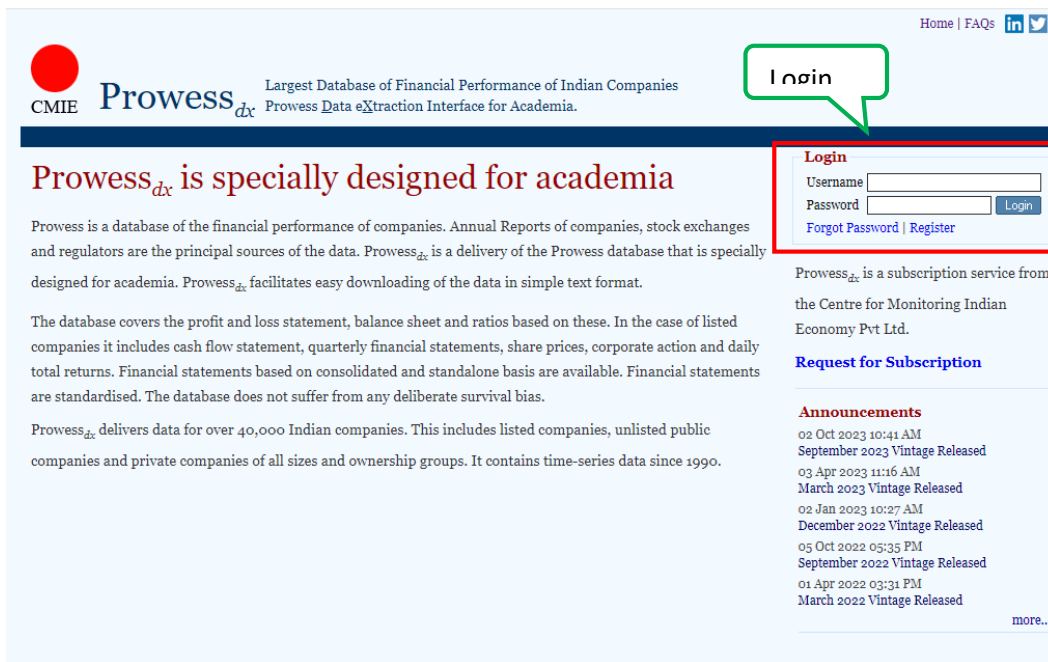
Company and Financial Data; Industry Data; India Centric Content; IPO / Stock Market Data; Mergers and Acquisitions

Access Method: IP Authentication +One-time Registration using IIMK Email id

How to use:

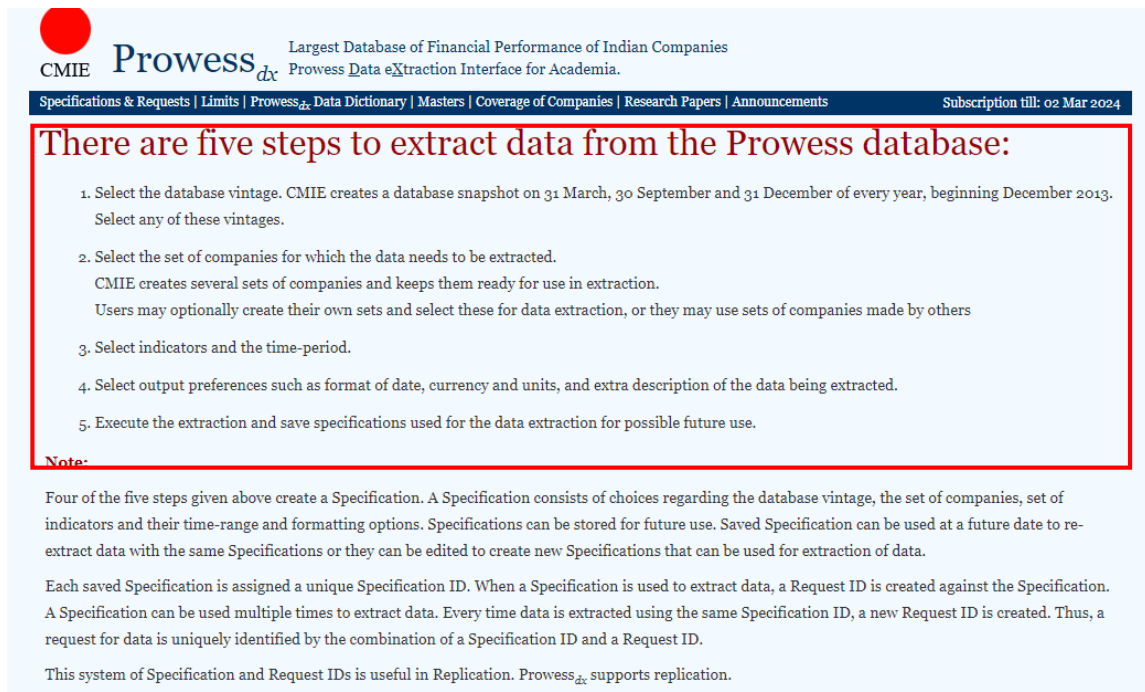
Register and login to your account.

(A single one-time registration work across all CMIE services)



The screenshot shows the Prowess_dx website interface. At the top, there is a navigation bar with 'Home | FAQs' and social media icons. The main header includes the CMIE logo and the text 'Prowess_dx Largest Database of Financial Performance of Indian Companies Prowess Data eXtraction Interface for Academia.' A green callout bubble with the word 'Login' points to a red-bordered box containing the login form. The form has fields for 'Username' and 'Password', a 'Login' button, and links for 'Forgot Password' and 'Register'. Below the form, there is a 'Request for Subscription' link and an 'Announcements' section listing various vintage releases with dates and times.

How to extract the data?



The screenshot shows the Prowess_dx website interface. At the top, there is a navigation bar with 'Specifications & Requests | Limits | Prowess_dx Data Dictionary | Masters | Coverage of Companies | Research Papers | Announcements' and 'Subscription till: 02 Mar 2024'. The main content area is titled 'There are five steps to extract data from the Prowess database:' and contains a numbered list of five steps. A red-bordered box highlights this list. Below the list, there is a 'Note:' section with additional information about Specifications and Request IDs.

1. Select the database vintage. CMIE creates a database snapshot on 31 March, 30 September and 31 December of every year, beginning December 2013. Select any of these vintages.
2. Select the set of companies for which the data needs to be extracted.
CMIE creates several sets of companies and keeps them ready for use in extraction.
Users may optionally create their own sets and select these for data extraction, or they may use sets of companies made by others
3. Select indicators and the time-period.
4. Select output preferences such as format of date, currency and units, and extra description of the data being extracted.
5. Execute the extraction and save specifications used for the data extraction for possible future use.

Note:
Four of the five steps given above create a Specification. A Specification consists of choices regarding the database vintage, the set of companies, set of indicators and their time-range and formatting options. Specifications can be stored for future use. Saved Specification can be used at a future date to re-extract data with the same Specifications or they can be edited to create new Specifications that can be used for extraction of data.
Each saved Specification is assigned a unique Specification ID. When a Specification is used to extract data, a Request ID is created against the Specification. A Specification can be used multiple times to extract data. Every time data is extracted using the same Specification ID, a new Request ID is created. Thus, a request for data is uniquely identified by the combination of a Specification ID and a Request ID.
This system of Specification and Request IDs is useful in Replication. Prowess_dx supports replication.

There are five steps to extract data from Prowess. These steps are clearly explained in the homepage.

Step 1

Select a database vintage (year) and click on “next step”.

Step 1 of 5 Select the database vintage. CMIE creates a database snapshot on 31 March, 30 September and 31 December every year since December 2013. Select any one of these.

Select a database vintage to extract data from: Sep 2023 ▾ next step ▶

Step 2

The query may be run in three different ways: by inputting the company code, uploading the company code, or choosing from a pre-defined selection.

Step 2 of 5 Select the set of companies for which the data needs to be extracted. CMIE creates several sets and keeps ready for use in extraction.

Users may create their own sets and select these, or they may upload and use those made by others. While uploading a user set or creating one, you need to specify the type of input used to specify companies. These could be the Prowess company code, BSE codes, NSE symbols or the government's CIN code.

Select same companies as were selected earlier

Selected
Vintage: September 2022

Select a set pre-defined by CMIE		Upload file containing codes One code per line	Create set of companies Type codes separated by comma
Set name	Count (?)	<input type="button" value="Choose file"/> No file chosen	<input type="text"/>
<input type="radio"/> All Companies	52537	Select type of input	Select type of input
<input type="radio"/> All Companies listed on BSE & NSE Superset	8708	<input type="radio"/> Prowess company code	<input type="radio"/> Prowess company code
<input type="radio"/> All Companies listed on BSE & NSE Current	5150	<input type="radio"/> BSE scrip id	<input type="radio"/> BSE scrip id
<input type="radio"/> Sensex Companies Superset	93	<input type="radio"/> BSE scrip code	<input type="radio"/> BSE scrip code
<input type="radio"/> Sensex Companies Current	30	<input type="radio"/> NSE symbol	<input type="radio"/> NSE symbol
<input type="radio"/> Nifty Companies Superset	129	<input type="radio"/> MCA CIN code	<input type="radio"/> MCA CIN code
<input type="radio"/> Nifty Companies Current	50	<input type="button" value="Upload"/>	Save set as: <input type="text"/> <input type="button" value="Save"/>
<input type="radio"/> CTRI Companies Superset	7974		
<input type="radio"/> CTRI Companies Current	3371		
<input type="radio"/> All Non-financial Companies Superset	45341		
<input type="radio"/> All Industrial Companies Superset	23966		
<input type="radio"/> All Manufacturing Companies Superset	22468		
<input type="radio"/> All Non-financial Services Companies Superset	23873		
<input type="radio"/> All Financial Companies Superset	15966		
<input type="radio"/> All Banks Superset	257		

Select a set created by User

Set name	Count (?)

previous step ◀ next step ▶

Step 3

Select the indicator and time period.

Step 3 of 5 Select indicators and their time-period for extraction. Indicators are spread over 42 Tables. Select a Table in the left column and then select the time-period and indicators from the middle column. Selected indicators will be displayed in the right column.

Select Table		Select Indicators and Time-span from Equity Ownership Pattern		Selections made	
Table	Date	From	To	Tables & Indicators	Date
	Min Max				Min Max
Identity & Background		31 Mar 01	28 Sep 22	Identity	
Identity		Indicators Search: []		Short name	
History of Company Name Changes	04 Aug 01 30 Sep 22			ISIN code	
History of Classifications	30 Apr 88 30 Jun 22			Equity Ownership Pattern	31 Mar 01 28 Sep 22
Ownership & Governance				Shares held by Indian promoters	
Board of Directors	30 Apr 88 31 Mar 22			Shares held by Indian individuals and hindu undivided families as promoters	
Equity Ownership Pattern	31 Mar 01 28 Sep 22				
Equity Ownership of Major Investors	31 Mar 01 28 Sep 22				
Board Meetings	15 Jul 96 30 Sep 22				
Subsidiaries	31 Jan 90 30 Jun 22				
Auditors	31 Jan 90 30 Jun 22				
Bankers	28 Feb 90 30 Jun 22				
Related Party Transactions	31 Mar 99 31 Mar 22				
Bulk and Block Deals	17 Dec 00 30 Sep 22				
Insider Trading	25 Sep 90 30 Sep 22				
Substantial Acquisition of Shares	07 Aug 95 30 Sep 22				
Financial Statements					
Annual Financial Statements					
Standalone Annual Financial Statements	30 Apr 88 31 Mar 22				
Consolidated Annual Financial Statements	31 Mar 00 31 Mar 22				
Annual Financial Statements - Ind AS					
Standalone Annual Financial Statements - Ind AS	31 Mar 11 31 Mar 22				
Consolidated Annual Financial Statements - Ind AS	31 Mar 11 31 Mar 22				

Selected
Vintage: September 2022
Company set: All Companies listed on BSE & NSE Superset

previous step next step

Step 4 & 5

CMIE Prowess Largest Database of Financial Performance of Indian Companies
Prowess Data eXtraction Interface for Academia.

Specifications & Requests | Limits | Prowess Data Dictionary | Masters | Coverage of Companies | Research Papers | Announcements Subscription till: 02 Mar 2024

Step 4 of 5 Select output preferences such as format of date, currency and units.

Step 5 of 5 Execute the extraction and choose to save specifications for future use.

Output Preferences
Select Date Format:
Select Currency: (dropdown menu with options: INR Million, USD Million, UK Pound Million, Euro Million, Yen Billion, INR Million)

Enter description of data being extracted:

Your request for data extraction translates in to **1 Hit(s)**
8708 Companies and 9 Indicators

Save Specifications
Save Specifications and Extract Data

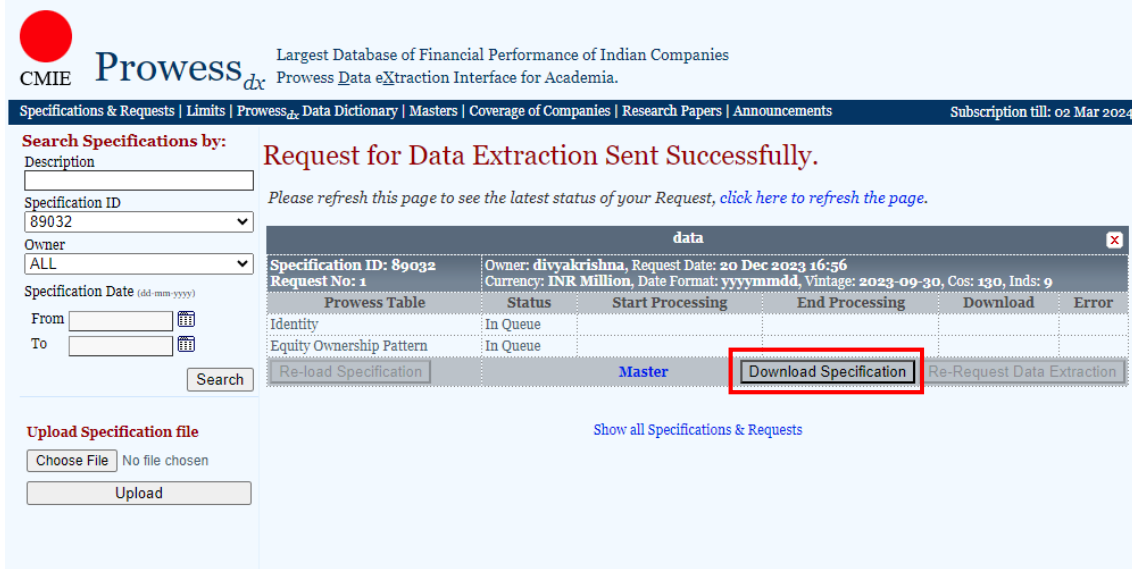
Choose the date format and currency

Give file name

Save specifications and extract data

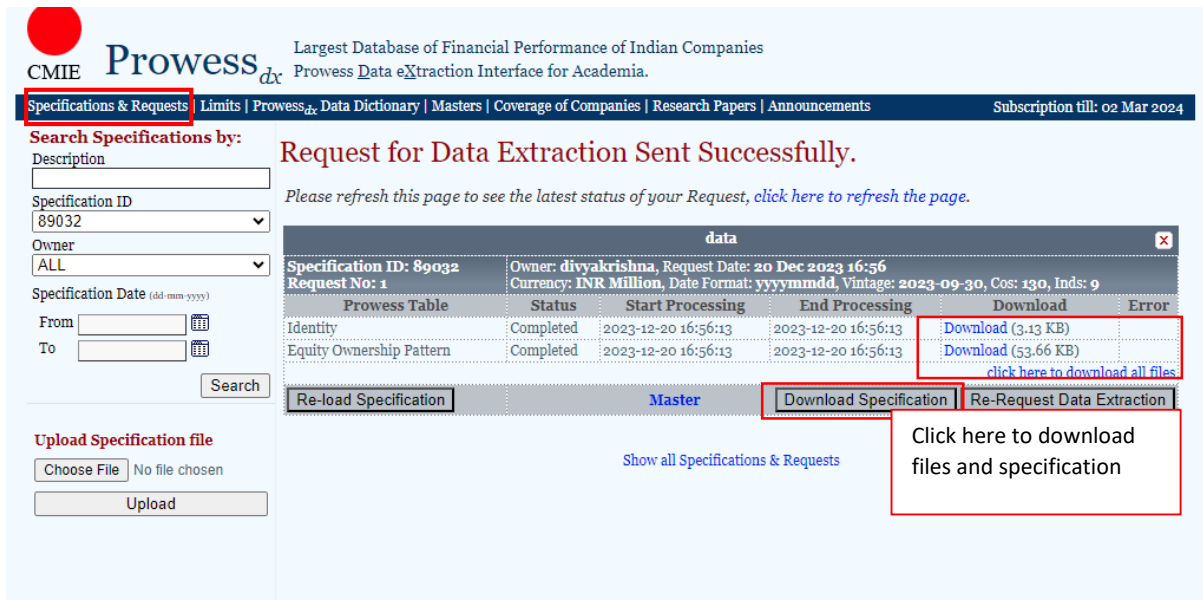
previous step

➤ Output



Request for Data Extraction Sent Successfully.
Please refresh this page to see the latest status of your Request, [click here to refresh the page.](#)

Specification ID: 89032	Owner: divyakrishna, Request Date: 20 Dec 2023 16:56				
Request No: 1	Currency: INR Million, Date Format: yyyyymmdd, Vintage: 2023-09-30, Cos: 130, Inds: 9				
Prowess Table	Status	Start Processing	End Processing	Download	Error
Identity	In Queue				
Equity Ownership Pattern	In Queue				
Re-load Specification	Master			Download Specification	Re-Request Data Extraction



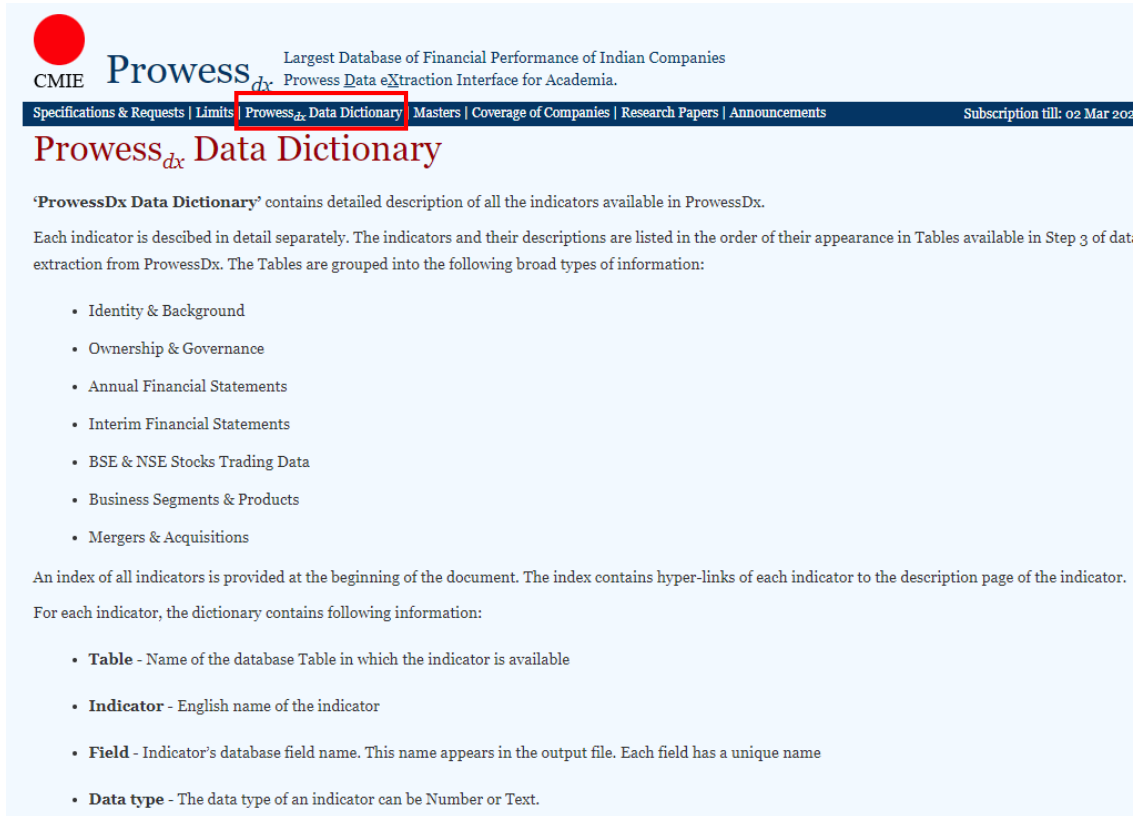
Request for Data Extraction Sent Successfully.
Please refresh this page to see the latest status of your Request, [click here to refresh the page.](#)

Specification ID: 89032	Owner: divyakrishna, Request Date: 20 Dec 2023 16:56				
Request No: 1	Currency: INR Million, Date Format: yyyyymmdd, Vintage: 2023-09-30, Cos: 130, Inds: 9				
Prowess Table	Status	Start Processing	End Processing	Download	Error
Identity	Completed	2023-12-20 16:56:13	2023-12-20 16:56:13	Download (3.13 KB)	
Equity Ownership Pattern	Completed	2023-12-20 16:56:13	2023-12-20 16:56:13	Download (53.66 KB)	
Re-load Specification	Master			Download Specification	Re-Request Data Extraction

Click here to download files and specification

❖ *Prowess Dictionary*

It contains a detailed description of all indicators available in Prowess dx.



The screenshot shows the 'Prowess dx Data Dictionary' page. At the top, it says 'Largest Database of Financial Performance of Indian Companies' and 'Prowess Data eXtraction Interface for Academia.' The navigation menu includes 'Specifications & Requests', 'Limits', 'Prowess dx Data Dictionary' (highlighted), 'Masters', 'Coverage of Companies', 'Research Papers', and 'Announcements'. The main heading is 'Prowess dx Data Dictionary'. Below it, a paragraph states: 'ProwessDx Data Dictionary' contains detailed description of all the indicators available in ProwessDx. Each indicator is described in detail separately. The indicators and their descriptions are listed in the order of their appearance in Tables available in Step 3 of data extraction from ProwessDx. The Tables are grouped into the following broad types of information:

- Identity & Background
- Ownership & Governance
- Annual Financial Statements
- Interim Financial Statements
- BSE & NSE Stocks Trading Data
- Business Segments & Products
- Mergers & Acquisitions

An index of all indicators is provided at the beginning of the document. The index contains hyper-links of each indicator to the description page of the indicator. For each indicator, the dictionary contains following information:

- **Table** - Name of the database Table in which the indicator is available
- **Indicator** - English name of the indicator
- **Field** - Indicator's database field name. This name appears in the output file. Each field has a unique name
- **Data type** - The data type of an indicator can be Number or Text.

❖ *Research papers*

Research papers based on the database



The screenshot shows the 'Research Papers' page. It features the same header as the dictionary page. The main heading is 'Research papers based on Prowess database'. Below the heading, there are search filters: 'Show: RePEc 500 Published Papers' and 'Sort by: Date ↓ | No. of Citations on: Google Scholar | RePEc'. A list of research papers is displayed, each with a title, author(s), journal name, date, and RePEc Journal Rank. For example, the first paper is 'Corporate Failures: Declines, Collapses, and Scandals' by Rebel Cole, Sofia Johan, and Denis Shweizer, published in the Journal of Corporate Finance in December 2020, with a RePEc Journal Rank of 98.

Master list



Largest Database of Financial Performance of Indian Companies
Prowess Data eXtraction Interface for Academia.

[Specifications & Requests](#) | [Limits](#) | [Prowess Data Dictionary](#) | [Masters](#) | [Coverage of Companies](#) | [Research Papers](#) | [Announcements](#) Subscription till: 02 Mar 202

Masters

Database Vintage	Download
31 Dec 2013	Download
31 Mar 2014	Download
30 Sep 2014	Download
31 Dec 2014	Download
31 Mar 2015	Download
30 Sep 2015	Download
31 Dec 2015	Download
31 Mar 2016	Download
30 Sep 2016	Download
31 Dec 2016	Download
31 Mar 2017	Download
30 Sep 2017	Download
31 Dec 2017	Download
31 Mar 2018	Download
30 Sep 2018	Download
31 Dec 2018	Download
31 Mar 2019	Download
30 Sep 2019	Download
31 Dec 2019	Download
31 Mar 2020	Download
30 Sep 2020	Download
31 Dec 2020	Download
31 Mar 2021	Download
30 Sep 2021	Download
31 Dec 2021	Download
31 Mar 2022	Download
30 Sep 2022	Download
31 Dec 2022	Download
31 Mar 2022	Download

