

CMIE Prowess_{dx}

Database Guide

Learning Centre Indian Institute of Management Indore







Introduction



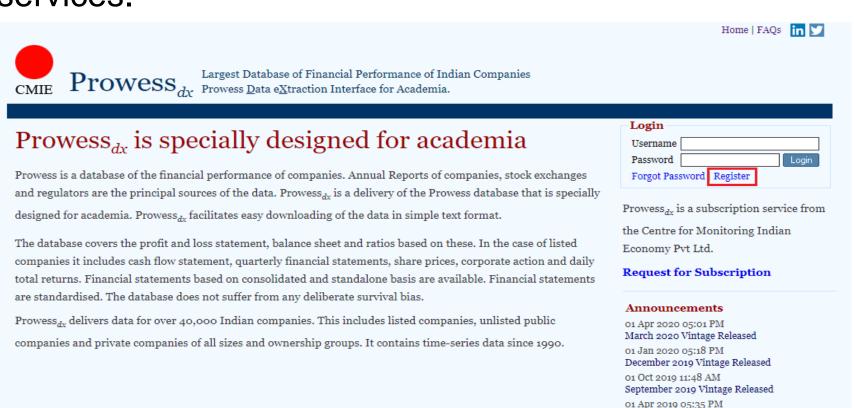


- ullet Prowess_{dx} database is a web-based database accessible without any installation of the client application.
- It covers data for about 35,000 Indian companies, which includes listed companies, unlisted public companies and private companies of all sizes and ownership groups.
- It contains time-series data since 1990.

Registration



 A single one-time registration works across all CMIE services.



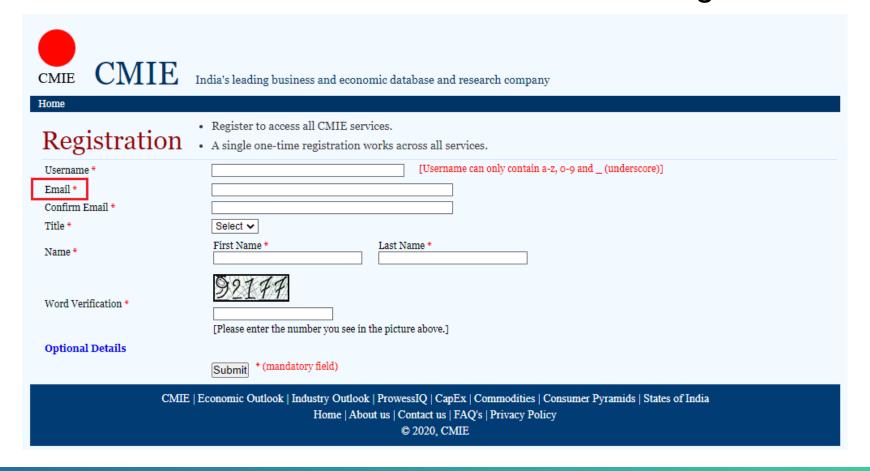
March 2019 Vintage Released o1 Jan 2019 10:48 AM

December 2018 Vintage Released

Registration



 After clicking on the register, fill the details and click on submit button. Use Institutional email id for registration.



Steps to extract the data



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Largest Database of Financial Performance of Indian Companies $\operatorname{Prowess}_{dx}^{\operatorname{Data}} = \operatorname{Prowess}_{\operatorname{Data}} \operatorname{eXtraction} \operatorname{Interface} \operatorname{for} \operatorname{Academia}.$

Specifications & Requests | Limits | Prowess_{dx} Data Dictionary | Masters | Coverage of Companies | Research Papers | Announcements

Subscription till: o6 Jan 2021

There are five steps to extract data from the Prowess database:

- 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 reextract 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_{dy} supports replication.

Step 1 (Select Vintage) 2 (Company Set)



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: Mar 2020 🕶



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.

				Vintage: March 2020
Select	same companies as were selected earlier		** 1 161 1	·
	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 [?]	Choose File No file chosen	
? O All C	ompanies	51031	Select type of input	Select type of input
² ○All C	ompanies listed on BSE & NSE Superset	8427	O Prowess company code	O Prowess company code
	ompanies listed on BSE & NSE Current	5075	O BSE scrip id	O BSE scrip id
? O Sens	ex Companies Superset	92	O BSE scrip code	O BSE scrip code
? O Sens	ex Companies Current	30	O NSE symbol	○ NSE symbol
? O Nifty	Companies Superset	124	O MCA CIN code	O MCA CIN code
	Companies Current	50	Upload	Save set as: Save
² ○ cosi	PI Companies Superset	7504	Opioad	Date section.
[?] ○ cosi	PI Companies Current	2162		
	on-financial Companies Superset	43705		
? OAll Ir	dustrial Companies Superset	23196		
? Oall M	anufacturing Companies Superset	21787		
	on-financial Services Companies	22015		
? Oall F	nancial Companies Superset	14511		
? Oall B	anks Superset	253		
	Select a set created by User			
	Set name	Count [?]		
previou	ıs step			next step

Step 3 (Select 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 Selected time-period and indicators from the middle column. Selected indicators will be displayed in the right Vintage: March 2020 column. Company set: Nifty Companies Superset Select Table Select Indicators and Time-span from Insider Selections made From 25 Sep 90 To 31 Mar 20 Table Date Tables & Indicators Date Indicators Search: Min Max Min Max Insider Trading Identity & Background 25 Sep 90 31 Mar 20 Select All Identity Deal type ? Prowess company code History of Company Name 04 Aug 01 01 Apr 20 Client name Changes ? M Prowess company name History of Classifications 30 Apr 88 31 Dec 19 ? Deal sequence number Ownership & Governance ? 🗹 Deal type 30 Apr 88 31 Dec 19 Board of Directors 31 Mar 01 27 Mar 20 Equity Ownership Pattern ? Exchange Equity Ownership of Major 21 Mar 01 27 Mar 20 ? Transaction from date Investors ? Transaction to date 15 Jul 96 01 Apr 20 Board Meetings Subsidiaries 31 Jan 90 31 Dec 19 ? Deal disclosed by Auditors 31 Jan 90 31 Dec 19 ? Client name Bankers 28 Feb 90 31 Dec 19 ? Mode of acquisition/sale Related Party Transactions 31 Mar 99 31 Dec 19 Bulk and Block Deals 17 Dec 00 31 Mar 20 ? Number of shares transacted

Insider Trading 25 Sep 90 31 Mar 20 ? Shares transacted in per cent Substantial Acquisition of Shares :07 Aug 95:30 Mar 20 ? Shares held after transaction Financial Statements ? Shares held in per cent Annual Financial Statements Standalone Annual Financial 30 Apr 88 31 Dec 19 Consolidated Annual 31 Mar 00 31 Dec 19 Financial Statements Annual Financial Statements -Ind AS Standalone Annual Financial 31 Mar 15 31 Dec 19 Statements - Ind AS 31 Mar 15 31 Dec 19 Consolidated Annual Financial Statements - Ind previous step next step

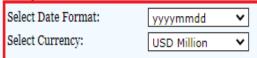
Step 4 (Output Preference) 5 (Execution)



Step 4 of 5

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

Output Preferences



Step 5 of 5

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

Nifty Companies

Your request for data extraction translates in to $oldsymbol{1}$ Hit(s) ?

124 Companies and 5 Indicators

Enter description of data being extracted:

Save Specifications
Save Specifications and Extract Data

- 1. Requests for data extraction are taken up in sequence for processing in intervals of 5 minutes.
- Processed requests will remain available for download for a maximum of 10 days.
- 3. The Request produces a .zip file, which when downloaded and unzipped results in two .txt pipe (|) delimited files. xxx_dat.txt contains the data and xxx_map.txt is a file that maps the column headers to names of the variables.
- 4. First line in each file contains coulmn headers.
- 5. Each line (row) after the first contains the data.

previous step

Data Extraction Result



Request for Data Extraction Sent Successfully.

Please refresh this page to see the latest status of your Request, click here to refresh the page.

		Nifty Companie	s		X
Specification ID: 48352 Request No: 1		b, Request Date: 11 Jul 202 D Million, Date Format: yy	20 10:50 yymmdd, Vintage: 2020-0;	3-31, Cos: 124, Inds: 5	
Prowess Table	Status	Start Processing	End Processing	Download	Error
Insider Trading	Processing	2020-07-11 10:50:24			
Re-load Specification		Master	Download Specification	Re-Request Data	

Refresh the page after few minutes to see the latest status and download the data.

Request for Data Extraction Sent Successfully.

Please refresh this page to see the latest status of your Request, click here to refresh the page.

		Nifty Compan	nies		X
Specification ID: 48352 Request No: 1		rib, Request Date: 11 Jul 2 SD Million, Date Format: ;		o-03-31, Cos: 124, Inds: 5	5
Prowess Table	Status	Start Processing	End Processing	Download	Error
Insider Trading	Completed	2020-07-11 10:50:24	2020-07-11 10:51:46	Download (1.54 MB)	
Re-load Specification		Master	Download Specificati		Extraction

Specifications & Requests



			Alert Home My Profi	le Seek Clarifications FAQs	Logout Welcome, ga	urib in 💟		
	Largest Database of Financi Prowess <u>D</u> ata e <u>X</u> traction In	terface for Ac	cademia.					
Specifications & Requests Limits Pro	wess _{dx} Data Dictionary Masters	Coverage of Co	mpanies Research Papers	Announcements	Subscription til	l: 06 Jan 2021		
Search Specifications by: Description	List of Specificati		-					
Specification ID	Please refresh this page to se	e the latest s	tatus of your Request, c	lick here to refresh the pag	je.			
ALL 🗸	Nifty Companies							
Owner	Cresification ID: 40ams	Ouman arm	······			^		
ALL 🗸	Specification ID: 48352 Owner: gaurib, Request Date: 11 Jul 2020 10:50 Request No: 1 Currency: USD Million, Date Format: yyyymmdd, Vintage: 2020-03-31, Cos: 124, Inds: 5							
Specification Date (dd-mm-yyyy)	Prowess Table	Status	Start Processing	End Processing	Download	Error		
From	Insider Trading	Completed	2020-07-11 10:50:24	2020-07-11 10:51:46 D	ownload (1.54 MB)			
To	Re-load Specification		Master	Download Specification	Re-Request Data	Extraction		
Search								
Course	Extract 1							
Upload Specification file	Specification ID: 48351 Owner: gaurib, Request Date: 11 Jul 2020 10:18 Request No: 1 Currency: USD Million, Date Format: yyyymmdd, Vintage: 2019-12-31, Cos: 50, Inds: 4							
Choose File No file chosen	Prowess Table	Status	Start Processing	End Processing	Download	Error		
Upload	History of Company Name Changes	Completed	2020-07-11 10:18:42	2020-07-11 10:18:43 I	Download (1.31 KB)			
	Re-load Specification		Master	Download Specification	Re-Request Data	Extraction		

Masters



• CMIE has a masters list that is the list of vintages (snapshot of the database) created till date.



Coverage of companies



 CMIE has vintage based database to provide the information about various companies.

Specifications & Requests L	imits Prowess _{dx} Data Dictionary Masters Coverage of Companies Research Papers Announcements	Subscription till: 06 Jan 2021				
Vintage	Coverage of Companies in Prowess Database: (31 De	ec 2013)				
• 31 Dec 2013	- Distribution by Groups	2010)				
31 Mar 2014	By Broad Industry Groups					
 30 Sep 2014 	- By Ownership					
• 31 Dec 2014	By Type of Enterprise					
	- By Year-endings					
 31 Mar 2015 	By Months of Financial Statements					
 30 Sep 2015 	 Number of Companies in a Continuous Time Series Panel ending in a Year 					
• 31 Dec 2015	- All Companies					
	Manufacturing Companies					
• 31 Mar 2016	Non-financial Services Companies					
 30 Sep 2016 						
■ 31 Dec 2016	Private Non-finance Companies					
• 31 Mar 2017	Listed Companies					
,	Number of Companies in a Continuous Time Series beginning in a Year					
 30 Sep 2017 	- All Companies					
 31 Dec 2017 	Manufacturing Companies Non-formula Services Companies					
 31 Mar 2018 	Non-financial Services Companies Singularia Companies					
	- Financial Companies					
 30 Sep 2018 	Private Non-finance Companies Listed Companies					
 31 Dec 2018 	Number of Companies with Quarterly Financial Statements					
 31 Mar 2019 	Industry-wise Distribution of Companies with Quarterly Financial Statements					
	Availability of Stock Prices data					
• 30 Sep 2019	Availability of Stock Prices data on BSE (Annual)					
 31 Dec 2019 	Availability of Stock Prices data on NSE (Annual)					
 31 Mar 2020 	Availability of Stock Prices data on BSE or NSE (Annual)					
	Availability of Stock Prices data on BSE (Quarterly)					
	Availability of Stock Prices data on NSE (Quarterly)					
	Availability of Stock Prices data on BSE or NSE (Quarterly)					



Thank You

Please write back at library@iimidr.ac.in for further help/clarification.





