```python
In [1]: import pandas as pd
```

```python
In [2]: df = pd.read_csv(r'C:\Users\Nitika\Downloads\Indian Startup.csv')
```

```python
In [3]: df
```

Out[3]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amo
0	CollegeDekho	2015.0	Gurgaon	E-learning	Collegedekho.com is Student's Partner, Friend ...	Ruchir Arora	Disrupt ADQ, QIC	$35,000,
1	BOX8	2012.0	Mumbai	Food & Beverages	India's Largest Desi Meals Brand	Anshul Gupta, Amit Raj	Tiger Global	$40,000,
2	Simpl	2015.0	Bangalore	Consumer Services	Simpl empowers merchants to build trusted rela...	Nitya, Chaitra Chidanand	Valar Ventures, IA Ventures	$40,000,
3	8i Ventures	2018.0	Mumbai	Venture Capital & Private Equity	8i is a Mumbai & Bangalore based early stage f...	Vikram Chachra	NaN	$50,000,
4	PayGlocal	2021.0	Bangalore	Financial Services	PayGlocal is a FinTech solving for global paym...	Prachi Dharani, Rohit Sukhija, Yogesh Lokhande	Sequoia Capital India	$4,900,
...	...	...	...	...	...	...	...	
1204	HobSpace	2019.0	Mumbai	EdTech	HobSpace is a platform for extra-curricular ac...	Priya Goel Sheth, Harsh Jain	Siddharth Bhaskar Shah, Upsparks	$100,
1205	DcodeAI	2020.0	New Delhi	EdTech	EMPOWER LEARNERS TO BE FUTURE READY USING AI	Kartik Sharma, Ashish Aggarwal	S Chand	$500,
1206	Biocon Biologics	1978.0	Bangalore	BioTechnology	Biocon is a fully integrated pure play biosimi...	Kiran Mazumdar-Shaw	Goldman Sachs, Tata Capital	$70,000,
1207	KiranaKart	2020.0	Mumbai	E-commerce	A better model for instant grocery delivery in...	Kaivalya Vohra, Aadit Palicha	Global Founders Capital	$720,
1208	Meddo	2018.0	Gurgaon	Healthcare	Meddo is an end-to-end medical services provider	Saurabh Kochhar	growX ventures, Venture Gurukool	$3,000,

1209 rows × 10 columns

```python
In [5]: df.head()
```

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	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	S
0	CollegeDekho	2015.0	Gurgaon	E-learning	Collegedekho.com is Student's Partner, Friend ...	Ruchir Arora	Disrupt ADQ, QIC	$35,000,000	S
1	BOX8	2012.0	Mumbai	Food & Beverages	India's Largest Desi Meals Brand	Anshul Gupta, Amit Raj	Tiger Global	$40,000,000	
2	Simpl	2015.0	Bangalore	Consumer Services	Simpl empowers merchants to build trusted rela...	Nitya, Chaitra Chidanand	Valar Ventures, IA Ventures	$40,000,000	S
3	8i Ventures	2018.0	Mumbai	Venture Capital & Private Equity	8i is a Mumbai & Bangalore based early stage f...	Vikram Chachra	NaN	$50,000,000	
4	PayGlocal	2021.0	Bangalore	Financial Services	PayGlocal is a FinTech solving for global paym...	Prachi Dharani, Rohit Sukhija, Yogesh Lokhande	Sequoia Capital India	$4,900,000	S

In [6]: `df.tail()`

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	
1204	HobSpace	2019.0	Mumbai	EdTech	HobSpace is a platform for extra-curricular ac...	Priya Goel Sheth, Harsh Jain	Siddharth Bhaskar Shah, Upsparks	$100,000	
1205	DcodeAI	2020.0	New Delhi	EdTech	EMPOWER LEARNERS TO BE FUTURE READY USING AI	Kartik Sharma, Ashish Aggarwal	S Chand	$500,000	
1206	Biocon Biologics	1978.0	Bangalore	BioTechnology	Biocon is a fully integrated pure play biosimi...	Kiran Mazumdar-Shaw	Goldman Sachs, Tata Capital	$70,000,000	
1207	KiranaKart	2020.0	Mumbai	E-commerce	A better model for instant grocery delivery in...	Kaivalya Vohra, Aadit Palicha	Global Founders Capital	$720,000	
1208	Meddo	2018.0	Gurgaon	Healthcare	Meddo is an end-to-end medical services provider	Saurabh Kochhar	growX ventures, Venture Gurukool	$3,000,000	

In [11]: `df.sample(5)`

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	St
1013	Blive	2004.0	Panaji	Tourism	B: Live is an electric vehicle tourism startup.	Samarth Kholkar, Sandeep Mukherjee	Mumbai Angels, DNA Entertainment Networks	$1,000,000	se
130	ElectricPe	2021.0	Bangalore	EV	India's largest Electric Vehicle Charging Plat...	Avinash Sharma, Raghav Rohila	Blume Ventures, Micelio Fund	$3,000,000	S
838	LegalPay	2019.0	New Delhi	FinTech	A trusted financial partner for advocates and ...	Kundan Shahi	9Unicorns	$Undisclosed	S
523	VerSe Innovation	2018.0	Bangalore	Media	The core of the company (VerSe Innovation), is...	Umang Bedi	Siguler Guff, Baillie Gifford	$450,000,000	
121	CloudFiles	2020.0	Bangalore	SaaS startup	Supercharge files with enterprise-grade securi...	Vishesh Singhal, Ankit Gupta, Siddharth Garg	Titan Capital	$300,000	s

In [13]: `df.dtypes`

```
Out[13]:  Company/Brand      object
          Founded           float64
          Headquarters       object
          Sector             object
          What it does       object
          Founder/s          object
          Investor/s         object
          Amount             object
          Stage              object
          Date               object
          dtype: object
```

In [14]: `df.info()`

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1209 entries, 0 to 1208
Data columns (total 10 columns):
 #   Column         Non-Null Count  Dtype
---  ------         --------------  -----
 0   Company/Brand  1209 non-null   object
 1   Founded        1208 non-null   float64
 2   Headquarters   1208 non-null   object
 3   Sector         1209 non-null   object
 4   What it does   1209 non-null   object
 5   Founder/s      1205 non-null   object
 6   Investor/s     1146 non-null   object
 7   Amount         1202 non-null   object
 8   Stage          781 non-null    object
 9   Date           1209 non-null   object
dtypes: float64(1), object(9)
memory usage: 94.6+ KB
```

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```
In [15]: df.corr()
```

Out[15]:

	Founded
Founded	1.0

```
In [16]: df.describe()
```

Out[16]:

	Founded
count	1208.000000
mean	2016.655629
std	4.517364
min	1963.000000
25%	2015.000000
50%	2018.000000
75%	2020.000000
max	2021.000000

```
In [18]: df.loc[df['Sector']=='EdTech']
```

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Out[18]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	Sta
186	BYJU'S	2011.0	Bangalore	EdTech	BYJU'S is India's largest ed-tech company and ...	Byju Raveendran, Divya Gokulnath	Oxshott Capital Partners, XN Exponent, Edelweiss	$300,000,000	N
192	Sunstone Eduversity	2011.0	Gurugram	EdTech	Sunstone Eduversity is a one-of-its-kind busin...	Ashish Munjal, Piyush Nangru	WestBridge Capital	$28,000,000	Ser
254	Questt	2020.0	Gurugram	EdTech	Questt is a Free online homework app that lets...	Akhil, Mohsin M, Rohit Pande	Celesta Capital	$6,750,000	Ser
372	EventBeep	2019.0	Pune	EdTech	An inclusive community where students are insp...	Saurabh Mangrulkar, Rakhi Pal, Venkatesh Prasad	SucSEED Indovation Fund, Uincept, Palimala Ven...	$Undisclosed	N
382	Tinkerly	2015.0	Jaipur	EdTech	A STEM learning online-offline solutions provi...	O.P. Godara, Vivek Pathak, Kapil Arya, Sharad ...	Navneet Education	$800,000	N
...	...	...	...	...	...	...	...	...	
1181	Pariksha	2015.0	Pune	EdTech	Pariksha - The Sucess App, India's largest ver...	Deepak Choudhary, Karanvir Singh Shekhawat, Ut...	Venture Catalysts, 9Unicorns Accelerator Fund	$1,800,000	N
1189	Practically	2018.0	Telangana	EdTech	Making Learning personal, immersive and experi...	Subbarao Siddabattula	Siana Capital	$4,000,000	P ser
1195	Kyt	2020.0	Bangalore	EdTech	An online-first, global academy for extracurri...	Bhavik Rathod, Tripti Ahuja	Alpha Wave Incubation	$5,000,000	Ser
1204	HobSpace	2019.0	Mumbai	EdTech	HobSpace is a platform for extra-curricular ac...	Priya Goel Sheth, Harsh Jain	Siddharth Bhaskar Shah, Upsparks	$100,000	P ser
1205	DcodeAI	2020.0	New Delhi	EdTech	EMPOWER LEARNERS TO BE FUTURE READY USING AI	Kartik Sharma, Ashish Aggarwal	S Chand	$500,000	N

102 rows × 10 columns

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```
In [19]: df.loc[df['Stage']=='Series A']
```

Out[19]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amou
4	PayGlocal	2021.0	Bangalore	Financial Services	PayGlocal is a FinTech solving for global paym...	Prachi Dharani, Rohit Sukhija, Yogesh Lokhande	Sequoia Capital India	$4,900,0(
9	LenDenClub	2015.0	Mumbai	Financial Services	P2P lending platform delivering high returns o...	Bhavin Patel, Dipesh Karki	Tuscan Ventures, Ohm Stock Brokers, Artha Vent...	$10,000,0(
10	CometChat	2009.0	Mumbai	Computer Software	Voice, video & text chat SDKs, APIs & Plugins ...	Anuj, Anant Garg	Signal Peak Ventures	$10,000,0(
15	CloudSEK	2015.0	Bangalore	Computer & Network Security	AI-powered Digital Risk Monitoring platform th...	Rahul Sasi	MassMutual Ventures	$7,000,0(
17	Trinkerr	2021.0	Bangalore	Capital Markets	Trinkerr is India's first social trading platf...	Manvendra Singh, Gaurav Agarwal	Accel India	$6,600,0(
...	...	...	...	...	...	...	...	
1171	CoinSwitch Kuber	2017.0	Bangalore	Cryptocurrency	Coinswitch.co is a cryptocurrency exchange agg...	Ashish Singhal, Govind Soni, Vimal Sagar Tiwari	Ribbit Capital, Kunal Shah	$15,000,0(
1177	Ergos	2012.0	Samsitpur	AgriTech	Ergos is building an integrated supply chain p...	Kishor Kumar Jha, Praveen Kumar	CDC Group, Aavishkaar Venture Capital	$3,000,0(
1182	Toothsi	2018.0	Mumbai	Healthcare	ToothSi is a new age startup in the dental spa...	Dr Arpi Mehta, Dr Pravin Shetty, Dr Manjul Jai...	Think Investments	$5,000,0(
1184	Phi Commerce	2015.0	Pune	FinTech	Payments Facilitator, Payments solution provid...	Anil Sharma, Jose Thattil, Rajesh Londhe, Tush...	Yatra Angel Network, BEENEXT	$4,000,0(
1195	Kyt	2020.0	Bangalore	EdTech	An online-first, global academy for extracurri...	Bhavik Rathod, Tripti Ahuja	Alpha Wave Incubation	$5,000,0(

126 rows × 10 columns

```
In [30]: df.loc[0:15]
```

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Out[30]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amou...
0	CollegeDekho	2015.0	Gurgaon	E-learning	Collegedekho.com is Student's Partner, Friend ...	Ruchir Arora	Disrupt ADQ, QIC	$35,000,0
1	BOX8	2012.0	Mumbai	Food & Beverages	India's Largest Desi Meals Brand	Anshul Gupta, Amit Raj	Tiger Global	$40,000,0
2	Simpl	2015.0	Bangalore	Consumer Services	Simpl empowers merchants to build trusted rela...	Nitya, Chaitra Chidanand	Valar Ventures, IA Ventures	$40,000,0
3	8i Ventures	2018.0	Mumbai	Venture Capital & Private Equity	8i is a Mumbai & Bangalore based early stage f...	Vikram Chachra	NaN	$50,000,0
4	PayGlocal	2021.0	Bangalore	Financial Services	PayGlocal is a FinTech solving for global paym...	Prachi Dharani, Rohit Sukhija, Yogesh Lokhande	Sequoia Capital India	$4,900,0
5	Curefit	2016.0	Bangalore	Health, Wellness & Fitness	Tata Digital-backed Curefit	Mukesh Bansal, Ankit	Zomato	$145,000,0
6	Pocket FM	2018.0	Bangalore	OTT	Pocket FM lets users discover and enjoy the gr...	Rohan, Nishanth Srinivas, Prateek Dixit	Lightspeed, Times Group, Tanglin Venture Partners	$22,000,0
7	CHARGE+ZONE	2018.0	Vadodara	Automotive	CHARGE+ZONE is a tech-driven EV Charging infra...	Kartikey Hariyani	Venture Catalysts	$10,000,0
8	PlanetSpark	2017.0	Gurugram	Education Management	PlanetSpark is building the World Leader in Co...	Maneesh Dhooper, Kunal Malik	Binny Bansal, Deep Kalra, Dr Ashish Gupta, Gok...	$13,000,0
9	LenDenClub	2015.0	Mumbai	Financial Services	P2P lending platform delivering high returns o...	Bhavin Patel, Dipesh Karki	Tuscan Ventures, Ohm Stock Brokers, Artha Vent...	$10,000,0
10	CometChat	2009.0	Mumbai	Computer Software	Voice, video & text chat SDKs, APIs & Plugins ...	Anuj, Anant Garg	Signal Peak Ventures	$10,000,0
11	AgroStar	2013.0	Pune	AgriTech	AgroStar is one of India's foremost AgTech sta...	Shardul, Sitanshu Sheth	Evolvence, Hero Enterprise	$70,000,0
12	Bizongo	2015.0	Mumbai	Information Technology & Services	Bizongo is India's largest B2B platform for ma...	Sachin Agrawal, Aniket Deb, Ankit Tomar	Tiger Global	$100,000,0
13	Probus Insurance	2002.0	Mumbai	Insurance	Probus Insurance is a leading InsurTech platfo...	Rakesh goyal	BlueOrchard Impact Investment Managers	$6,700,0

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	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amou...
14	MoEngage	2014.0	Bangalore	Software Startup	Insights-led customer engagement platform for ...	Raviteja Dodda, Yashwanth Kumar	Steadview Capital	$30,000,0
15	CloudSEK	2015.0	Bangalore	Computer & Network Security	AI-powered Digital Risk Monitoring platform th...	Rahul Sasi	MassMutual Ventures	$7,000,0

```
In [31]: df.loc[df['Sector']=='EdTech'][0:5]
```

Out[31]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	Stage
186	BYJU'S	2011.0	Bangalore	EdTech	BYJU'S is India's largest ed-tech company and ...	Byju Raveendran, Divya Gokulnath	Oxshott Capital Partners, XN Exponent, Edelweiss	$300,000,000	NaN
192	Sunstone Eduversity	2011.0	Gurugram	EdTech	Sunstone Eduversity is a one-of-its-kind busin...	Ashish Munjal, Piyush Nangru	WestBridge Capital	$28,000,000	Series B
254	Questt	2020.0	Gurugram	EdTech	Questt is a Free online homework app that lets...	Akhil, Mohsin M, Rohit Pande	Celesta Capital	$6,750,000	Series A
372	EventBeep	2019.0	Pune	EdTech	An inclusive community where students are insp...	Saurabh Mangrulkar, Rakhi Pal, Venkatesh Prasad	SucSEED Indovation Fund, Uincept, Palimala Ven...	$Undisclosed	NaN
382	Tinkerly	2015.0	Jaipur	EdTech	A STEM learning online-offline solutions provi...	O.P. Godara, Vivek Pathak, Kapil Arya, Sharad ...	Navneet Education	$800,000	NaN

```
In [34]: df.iloc[0:3].sum()
```

C:\Users\Nitika\AppData\Local\Temp\ipykernel_13248\121045814.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (with 'numeric_only=None') is deprecated; in a future version this will raise TypeError. Select only valid columns before calling the reduction.
  df.iloc[0:3].sum()

Out[34]:
```
Company/Brand                         CollegeDekhoBOX8Simpl
Founded                                              6042.0
Headquarters                       GurgaonMumbaiBangalore
Sector               E-learningFood & BeveragesConsumer Services
What it does       Collegedekho.com is Student's Partner, Friend ...
Founder/s          Ruchir AroraAnshul Gupta, Amit RajNitya, Chait...
Investor/s         Disrupt ADQ, QICTiger GlobalValar Ventures, IA...
Amount                     $35,000,000$40,000,000$40,000,000
Date                            Dec-2021Dec-2021Dec-2021
dtype: object
```

count()

```
Out[37]:    Company/Brand    5
            Founded          5
            Headquarters     5
            Sector           5
            What it does     5
            Founder/s        5
            Investor/s       4
            Amount           5
            Stage            3
            Date             5
            dtype: int64
```

In [39]: `df.head(5)`

Out[39]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	S
0	CollegeDekho	2015.0	Gurgaon	E-learning	Collegedekho.com is Student's Partner, Friend ...	Ruchir Arora	Disrupt ADQ, QIC	$35,000,000	Se
1	BOX8	2012.0	Mumbai	Food & Beverages	India's Largest Desi Meals Brand	Anshul Gupta, Amit Raj	Tiger Global	$40,000,000	
2	Simpl	2015.0	Bangalore	Consumer Services	Simpl empowers merchants to build trusted rela...	Nitya, Chaitra Chidanand	Valar Ventures, IA Ventures	$40,000,000	Se
3	8i Ventures	2018.0	Mumbai	Venture Capital & Private Equity	8i is a Mumbai & Bangalore based early stage f...	Vikram Chachra	NaN	$50,000,000	
4	PayGlocal	2021.0	Bangalore	Financial Services	PayGlocal is a FinTech solving for global paym...	Prachi Dharani, Rohit Sukhija, Yogesh Lokhande	Sequoia Capital India	$4,900,000	Se

In [41]: `df['Sector'].iloc[0:5]`

```
Out[41]:   0                      E-learning
           1                 Food & Beverages
           2                Consumer Services
           3    Venture Capital & Private Equity
           4               Financial Services
           Name: Sector, dtype: object
```

In [43]: `df.loc[df['Sector']=='EdTech'].iloc[4:9]`

Out[43]:

	Company/Brand	Founded	Headquarters	Sector	What it does	Founder/s	Investor/s	Amount	Stage	
382	Tinkerly	2015.0	Jaipur	EdTech	A STEM learning online-offline solutions provi...	O.P. Godara, Vivek Pathak, Kapil Arya, Sharad ...	Navneet Education	$800,000	NaN	
396	Genext Students	2013.0	Mumbai	EdTech	LIVE online classes with expert tutors for K-1...	Ali Asgar Kagzi, Piyush Dhanuka	Navneet Education	$Undisclosed	NaN	
401	OckyPocky	2015.0	Gurugram	EdTech	OckyPocky is India's 1st interactive English l...	Amit Agrawal	Sujeet Kumar, SucSEED Indovation Fund	$Undisclosed	Seed	
409	Codingal	2020.0	Bangalore	EdTech	Codingal is on a mission to inspire school kid...	Vivek Prakash, Satyam Baranwal	NaN	$1,200,000	Seed	
415	Habbit	2020.0	Bangalore	EdTech	Habbit is online learning community for anyone...	Somnath Sandeep, Raghav Goyal	Ashok Goyal	$320,000	Pre-seed	

In [46]:
```python
df[df['Headquarters']=='Gurgaon']['Company/Brand']
```

Out[46]:
```
0        CollegeDekho
1150         Fashinza
1159            Udayy
1185            Zupee
1192           Zerone
1201              Oyo
1208            Meddo
Name: Company/Brand, dtype: object
```

In [ ]: