import pandas as pd
data = pd.read\_csv('udemy\_courses.csv')

data

	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
0	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate- investment-bank	True	200	2147	23	51	All Levels	1.5	2017-01-18T20:58:58Z	Business Finance
1	1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	True	75	2792	923	274	All Levels	39.0	2017-03-09T16:34:20Z	Business Finance
2	1006314	Financial Modeling for Business Analysts and C	https://www.udemy.com/financial- modeling-for-b	True	45	2174	74	51	Intermediate Level	2.5	2016-12-19T19:26:30Z	Business Finance
3	1210588	Beginner to Pro - Financial Analysis in Excel	https://www.udemy.com/complete-excel-finance-c	True	95	2451	11	36	All Levels	3.0	2017-05-30T20:07:24Z	Business Finance
4	1011058	How To Maximize Your Profits Trading Options	https://www.udemy.com/how-to- maximize-your-pro	True	200	1276	45	26	Intermediate Level	2.0	2016-12-13T14:57:18Z	Business Finance
3673	775618	Learn jQuery from Scratch - Master of JavaScri	https://www.udemy.com/easy-jquery- for-beginner	True	100	1040	14	21	All Levels	2.0	2016-06-14T17:36:46Z	Web Development
3674	1088178	How To Design A WordPress Website With No Codi	https://www.udemy.com/how-to-make- a-wordpress	True	25	306	3	42	Beginner Level	3.5	2017-03-10T22:24:30Z	Web Development
3675	635248	Learn and Build using Polymer	https://www.udemy.com/learn-and- build-using-po	True	40	513	169	48	All Levels	3.5	2015-12-30T16:41:42Z	Web Development
3676	905096	CSS Animations: Create Amazing Effects	https://www.udemy.com/css- animations-create-am	True	50	300	31	38	All Levels	3.0	2016-08-11T19:06:15Z	Web Development
ood(2)												

data.head(2)

₹	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration published_timestamp	subject
	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate- investment-bank	True	200	2147	23	51	All Levels	1.5 2017-01-18T20:58:58Z	Business Finance
	l 1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	True	75	2792	923	274	All Levels	39.0 2017-03-09T16:34:20Z	Business Finance

data.shape

**→** (3678, 12)

data.columns

```
Index(['course_id', 'course_title', 'url', 'is_paid', 'price',
            'num subscribers', 'num reviews', 'num lectures', 'level',
           'content duration', 'published timestamp', 'subject'],
          dtype='object')
data.dtypes
→ course_id
                            int64
                           object
    course_title
    url
                           object
                             bool
    is paid
                            int64
    price
    num subscribers
                            int64
    num reviews
                            int64
    num lectures
                            int64
    level
                           object
    content_duration
                          float64
    published_timestamp
                           object
    subject
                           object
    dtype: object
data.info()
<<class 'pandas.core.frame.DataFrame'>
    RangeIndex: 3678 entries, 0 to 3677
    Data columns (total 12 columns):
     # Column
                             Non-Null Count Dtype
     0
         course_id
                             3678 non-null int64
     1
         course title
                             3678 non-null object
     2
         url
                             3678 non-null object
         is_paid
                             3678 non-null bool
     3
                             3678 non-null int64
     4
         price
     5
         num_subscribers
                             3678 non-null int64
         num reviews
                             3678 non-null
                                            int64
     6
         num_lectures
                             3678 non-null int64
     8
         level
                             3678 non-null object
     9
         content_duration
                             3678 non-null float64
     10 published_timestamp 3678 non-null object
     11 subject
                             3678 non-null object
    dtypes: bool(1), float64(1), int64(5), object(5)
    memory usage: 319.8+ KB
data.isnull()
```

<del>_</del>	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
0	False	False	False	False	False	False	False	False	False	False	False	False
1	False	False	False	False	False	False	False	False	False	False	False	False
2	False	False	False	False	False	False	False	False	False	False	False	False
3	False	False	False	False	False	False	False	False	False	False	False	False
4	False	False	False	False	False	False	False	False	False	False	False	False
				•••			***					
367	73 False	False	False	False	False	False	False	False	False	False	False	False
367	74 False	False	False	False	False	False	False	False	False	False	False	False
367	75 False	False	False	False	False	False	False	False	False	False	False	False
367	76 False	False	False	False	False	False	False	False	False	False	False	False
367	77 False	False	False	False	False	False	False	False	False	False	False	False
3678	3 rows × 12 colu	mns										

data.isnull().sum()

```
course_id 0
course_title 0
url 0
is_paid 0
price 0
num_subscribers 0
num_reviews 0
num_lectures 0
level 0
content_duration 0
published_timestamp 0
subject 0
dtype: int64
```

data.notnull()

 $\overline{\Rightarrow}$ 

•	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
0	True	True	True	True	True	True	True	True	True	True	True	True
1	True	True	True	True	True	True	True	True	True	True	True	True
2	True	True	True	True	True	True	True	True	True	True	True	True
3	True	True	True	True	True	True	True	True	True	True	True	True
4	True	True	True	True	True	True	True	True	True	True	True	True
3673	True	True	True	True	True	True	True	True	True	True	True	True
3674	True	True	True	True	True	True	True	True	True	True	True	True
3675	True	True	True	True	True	True	True	True	True	True	True	True
3676	True	True	True	True	True	True	True	True	True	True	True	True
3677	True	True	True	True	True	True	True	True	True	True	True	True
3678 rd	ows × 12 colur	mns										

data.notnull().sum()

→ course\_id 3678 course\_title 3678 url 3678 is\_paid 3678 price 3678 num\_subscribers 3678 num\_reviews 3678 num\_lectures 3678 level 3678 content\_duration
published\_timestamp 3678 3678 subject 3678 dtype: int64

data.describe()

**→** 

		course_id	price	num_subscribers	num_reviews	num_lectures	$content\_duration$
	count	3.678000e+03	3678.000000	3678.000000	3678.000000	3678.000000	3678.000000
	mean	6.759720e+05	66.049483	3197.150625	156.259108	40.108755	4.094517
	std	3.432732e+05	61.005755	9504.117010	935.452044	50.383346	6.053840
	min	8.324000e+03	0.000000	0.000000	0.000000	0.000000	0.000000
	25%	4.076925e+05	20.000000	111.000000	4.000000	15.000000	1.000000
	50%	6.879170e+05	45.000000	911.500000	18.000000	25.000000	2.000000
	75%	9.613555e+05	95.000000	2546.000000	67.000000	45.750000	4.500000
	max	1.282064e+06	200.000000	268923.000000	27445.000000	779.000000	78.500000
4							

1) What are all different subject for which Udemy is offering course?

	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	published_timestamp	subject
0	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate- investment-bank	True	200	2147	23	51	All Levels	1.5	2017-01-18T20:58:58Z	Business Finance
1	1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	True	75	2792	923	274	All Levels	39.0	2017-03-09T16:34:20Z	Business Finance
												<b>&gt;</b>
ta['subject'].unique()												

2) Which subject has the maximum number of course?

'Web Development'], dtype=object)

```
data['subject'].value_counts()

Web Development 1200
Business Finance 1195
Musical Instruments 680
Graphic Design 603
Name: subject, dtype: int64

data['subject'].max()

Ty 'Web Development'
```

3) Show all the course which are free the cost

```
data[data['is_paid'] == False]
```

₹	cours	se_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
	<b>95</b> 114	48774	Options Trading 101: The Basics	https://www.udemy.com/options-trading-101-the	False	0	1514	66	11	Beginner Level	0.550000	2017-03-23T22:19:57Z	Business Finance
1	<b>103</b> 13	33536	Stock Market Investing for Beginners	https://www.udemy.com/the-beginners- guide-to-t	False	0	50855	2698	15	Beginner Level	1.500000	2013-12-25T19:53:34Z	Business Finance
1	106 26	65960	Fundamentals of Forex Trading	https://www.udemy.com/fundamentals-of- forex-tr	False	0	17160	620	23	All Levels	1.000000	2014-08-29T20:10:38Z	Business Finance
1	<b>108</b> 92	23616	Website Investing 101 - Buying & Selling Onlin	https://www.udemy.com/cash-flow-website-invest	False	0	6811	151	51	All Levels	2.000000	2016-08-05T17:03:15Z	Business Finance
1	<b>112</b> 19	91854	Stock Market Foundations	https://www.udemy.com/how-to-invest-in-the-sto	False	0	19339	794	9	Beginner Level	2.000000	2014-03-31T21:35:06Z	Business Finance
3	<b>638</b> 15	55640	Building a Search Engine in PHP & MySQL	https://www.udemy.com/creating-a-search-engine	False	0	10110	379	12	All Levels	2.500000	2014-02-03T18:07:52Z	Web Development
3	<b>643</b> 36	66720	CSS Image filters - The modern web images colo	https://www.udemy.com/super-awesome-images-wit	False	0	6315	53	16	All Levels	1.500000	2014-12-10T19:43:40Z	Web Development
3	<b>651</b> 107	79078	Drupal 8 Site Building	https://www.udemy.com/drupal-8-site- building/	False	0	1942	23	48	All Levels	4.500000	2017-05-02T05:15:52Z	Web Development
3	665 2	21386	Beginner Photoshop to HTML5 and CSS3	https://www.udemy.com/psd-html5-css3/	False	0	73110	1716	22	All Levels	2.000000	2012-07-27T12:54:57Z	Web Development
4			A how to auide in	https://www.udemv.com/a-how-to-quide-						Reginner			Weh

# 4)Show all the course which are paid

data[data['is\_paid'] == True]

<del>_</del> →	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
0	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate-investment-bank	True	200	2147	23	51	All Levels	1.5	2017-01-18T20:58:58Z	Business Finance
1	1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	True	75	2792	923	274	All Levels	39.0	2017-03-09T16:34:20Z	Business Finance
2	1006314	Financial Modeling for Business Analysts and C	https://www.udemy.com/financial- modeling-for-b	True	45	2174	74	51	Intermediate Level	2.5	2016-12-19T19:26:30Z	Business Finance
3	1210588	Beginner to Pro - Financial Analysis in Excel	https://www.udemy.com/complete-excel-finance-c	True	95	2451	11	36	All Levels	3.0	2017-05-30T20:07:24Z	Business Finance
4	1011058	How To Maximize Your Profits Trading Options	https://www.udemy.com/how-to- maximize-your-pro	True	200	1276	45	26	Intermediate Level	2.0	2016-12-13T14:57:18Z	Business Finance
367	<b>77</b> 775618	Learn jQuery from Scratch - Master of JavaScri	https://www.udemy.com/easy-jquery- for-beginner	True	100	1040	14	21	All Levels	2.0	2016-06-14T17:36:46Z	Web Development
367	<b>74</b> 1088178	How To Design A WordPress Website With No Codi	https://www.udemy.com/how-to-make- a-wordpress	True	25	306	3	42	Beginner Level	3.5	2017-03-10T22:24:30Z	Web Development
367	<b>75</b> 635248	Learn and Build using Polymer	https://www.udemy.com/learn-and- build-using-po	True	40	513	169	48	All Levels	3.5	2015-12-30T16:41:42Z	Web Development
<b>₹</b>	76 005006	Crosto Amozina Effects	https://www.udemy.com/css-	Truo	En	200	94	20	All Lovolo	20	2016 00 11T10-06-1E7	Web

## 5) Which are Top selling course?

data.	head	(2)											
$\overline{\Rightarrow}$		course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration pu	blished_timestamp	subject
	0	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate- investment-bank	True	200	2147	23	51	All Levels	1.5 20	017-01-18T20:58:58Z	Business Finance
	1	1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	ITHE	75	2792	923	274	All Levels	39.0 20	017-03-09T16:34:20Z	Business Finance
	4												<b>&gt;</b>

data.sort\_values('num\_subscribers', ascending = False)

<b>→</b>	co	urse_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lecture	s level	content_duration	<pre>published_timestamp</pre>	subject
	2827	41295	Learn HTML5 Programming From Scratch	https://www.udemy.com/learn-html5- programming	False	0	268923	8629	4	5 All Levels	10.500000	2013-02-14T07:03:41Z	Web Development
	3032	59014	Coding for Entrepreneurs Basic	https://www.udemy.com/coding-for- entrepreneurs	False	0	161029	279	2	7 Beginner Level	3.500000	2013-06-09T15:51:55Z	Web Development
	3230	625204	The Web Developer Bootcamp	https://www.udemy.com/the-web- developer-bootcamp/	True	200	121584	27445	34	2 All Levels	43.000000	2015-11-02T21:13:27Z	Web Development
	2783	173548	Build Your First Website in 1 Week with HTML5	https://www.udemy.com/build-your-first- website	False	0	120291	5924	3	0 Beginner Level	3.000000	2014-04-08T16:21:30Z	Web Development
	3232	764164	The Complete Web Developer Course 2.0	https://www.udemy.com/the-complete- web-develop	True	200	114512	22412	30	4 All Levels	30.500000	2016-03-08T22:28:36Z	Web Development
											***	***	
	1569	726314	Create Beautiful Image Maps for Your Website	https://www.udemy.com/how-to-create-hotspot-im	True	20	0	0		8 Intermediate Level	0.616667	2016-01-18T17:56:36Z	Graphic Design
	1473	185526	MicroStation - Células	https://www.udemy.com/microstation- celulas/	True	20	0	0		9 Beginner Level	0.616667	2014-04-15T21:48:55Z	Graphic Design
	1472	181268	Photoshop: Creando elemental de aire	https://www.udemy.com/photoshop- creando-elemen	True	20	0	0		5 Beginner Level	1.000000	2014-04-01T21:50:32Z	Graphic Design
	1471	188584	Letras en Adobe Illustrator	https://www.udemy.com/letras-en- adobe-illustra	True	40	0	0	1	3 Beginner Level	2.500000	2014-04-04T21:23:23Z	Graphic Design
4													<b>&gt;</b>

## 6) Which are least selling course?

data.sort\_values('num\_subscribers', ascending = True)

₹	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
8	3 <b>85</b> 1032648	beginning accounting	https://www.udemy.com/beginning_accounting/	True	20	0	0	12	Intermediate Level	0.633333	2016-12-26T16:52:47Z	Business Finance
4	<b>156</b> 1247992	Introduction to Project Management for Finance	https://www.udemy.com/introduction-to-project	True	50	0	0	9	Beginner Level	2.000000	2017-07-03T21:40:32Z	Business Finance
4	<b>157</b> 1251582	Best Practices in Corporate Budgeting	https://www.udemy.com/best-practices- corporate	True	50	0	0	9	Intermediate Level	2.000000	2017-06-29T22:01:56Z	Business Finance
4	<b>158</b> 1258666	Financial Statement Auditing Cycles	https://www.udemy.com/financial-statement-audi	True	50	0	0	9	Intermediate Level	2.000000	2017-06-29T23:20:10Z	Business Finance
4	<b>159</b> 1168172	Case studies on credit appraisal for bankers	https://www.udemy.com/case-studies-on-credit-a	True	20	0	0	15	Beginner Level	3.500000	2017-05-01T20:16:26Z	Business Finance
3	<b>232</b> 764164	The Complete Web Developer Course 2.0	https://www.udemy.com/the-complete-web-develop	True	200	114512	22412	304	All Levels	30.500000	2016-03-08T22:28:36Z	Web Development
2	<b>783</b> 173548	Build Your First Website in 1 Week with HTML5	https://www.udemy.com/build-your-first- website	False	0	120291	5924	30	Beginner Level	3.000000	2014-04-08T16:21:30Z	Web Development
4		The Web	https://www.udemy.com/the-web-developer-									Web

### 7) Show all course of graphic design where the price is below 150?

data[(data.subject == 'Graphic Design') & (data.price < 100)]</pre>

<b>₹</b>	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	published_timestamp	subject
1	<b>196</b> 1197206	Illustrator CC MasterClass	https://www.udemy.com/illustrator-cc- masterclass/	True	95	462	50	86	All Levels	12.0	2017-05-02T16:41:21Z	Graphic Design
1	<b>198</b> 1219520	Adobe Illustrator T- Shirt Design for Merch by	https://www.udemy.com/merchbyamazondesign/	True	20	390	44	15	All Levels	1.0	2017-06-13T20:41:14Z	Graphic Design
1:	<b>202</b> 28556	Discover How to Draw and paint Comics	https://www.udemy.com/learn-to-draw-and-paint/	True	65	8901	424	85	All Levels	62.0	2012-11-21T22:03:54Z	Graphic Design
1:	<b>203</b> 317278	Typographic Logos: Typography and Lettering fo	https://www.udemy.com/typographic-logos- typogr	True	25	4235	427	20	Intermediate Level	1.5	2014-10-16T19:30:01Z	Graphic Design
1:	<b>204</b> 573064	Photoshop in Ease: Create World Amazing Graph	https://www.udemy.com/photoshop-knights- become	True	20	14440	182	26	All Levels	3.0	2015-08-13T21:17:34Z	Graphic Design
		***										
1	<b>793</b> 456388	Adobe Photoshop CC   The Essential Guide	https://www.udemy.com/adobe-photoshop-cc-the-e	True	20	254	5	81	All Levels	4.5	2015-05-12T00:19:27Z	Graphic Design
1'	<b>794</b> 955242	Learn to Composite a 2D Action Shot in Photoshop	https://www.udemy.com/3dmotive-learn-to- compos	True	20	40	2	8	Beginner Level	1.5	2016-09-10T21:38:26Z	Graphic Design
<b>.</b>		Infographic Design:	https://www.udemy.com/infographic-design-how-	_	^^						^^*- ^- * <del>^-</del>	Graphic

## $\,\,\,\,\,\,\,\,\,$ 8) List out all the courses that are related with python

	course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	published_timestamp	subject
0	1070968	Ultimate Investment Banking Course	https://www.udemy.com/ultimate- investment-bank	True	200	2147	23	51	All Levels	1.5	2017-01-18T20:58:58Z	Business Finance
1	1113822	Complete GST Course & Certification - Grow You	https://www.udemy.com/goods-and- services-tax/	True	75	2792	923	274	All Levels	39.0	2017-03-09T16:34:20Z	Business Finance

₹		course_id	course_title	url	is_paid	price	num_subscribers	num_reviews	num_lectures	level	content_duration	<pre>published_timestamp</pre>	subject
	14	1196544	Python Algo Trading: Sentiment Trading with News	https://www.udemy.com/hedge-fund- strategy-trad	True	200	294	19	42	All Levels	7.0	2017-04-28T16:41:44Z	Business Finance
	30	1170894	Python Algo Stock Trading: Automate Your Trading!	https://www.udemy.com/algorithmic- stock-tradin	True	95	1165	21	41	Beginner Level	2.5	2017-05-28T23:41:03Z	Business Finance
	41	1035472	Python for Finance: Investment Fundamentals &	https://www.udemy.com/python-for-finance-inves	True	195	3811	278	103	All Levels	6.5	2017-03-30T22:17:09Z	Business Finance
	147	1070886	Python Algo Trading: FX Trading with Oanda	https://www.udemy.com/python-algo- trading-fx-t	True	200	453	42	33	Intermediate Level	3.0	2017-03-14T00:39:45Z	Business Finance
	334	815482	Stock Technical Analysis with Python	https://www.udemy.com/stock-technical- analysis	True	50	409	35	46	All Levels	8.0	2016-04-12T00:40:03Z	Business Finance
	536	529828	Python for Trading & Investing	https://www.udemy.com/python-for- trading-inves	True	95	638	25	36	All Levels	5.0	2015-06-17T22:23:31Z	Business Finance
	762	1088656	Quantitative Trading Analysis with Python	https://www.udemy.com/quantitative- trading-ana	True	50	256	17	49	All Levels	5.5	2017-01-27T17:11:28Z	Business Finance
	863	902888	Investment Portfolio Analysis with Python	https://www.udemy.com/investment- portfolio-ana	True	50	209	13	37	All Levels	7.0	2016-07-13T21:40:32Z	Business Finance
	1682	546848	Learn to code in Python and learn Adobe Photos	https://www.udemy.com/learn-to-code-in-python	True	50	1132	1	29	All Levels	2.0	2015-07-08T00:15:12Z	Graphic Design
	2497	16646	Web Programming with Python	https://www.udemy.com/web- programming-with-pyt	True	50	35267	217	53	All Levels	4.0	2012-04-25T00:01:43Z	Web Development
	2528	391546	Learn Python and Django: Payment Processing	https://www.udemy.com/learn-django- code-accept	True	70	17714	198	23	All Levels	3.5	2015-02-09T15:37:56Z	Web Development
	2553	938560	The Complete Ethical Hacking Course 2.0: Pytho	https://www.udemy.com/penetration-testing-ethi	True	195	7827	268	66	All Levels	11.0	2016-09-26T15:08:29Z	Web Development
	2570	47963	Coding for Entrepreneurs: Learn Python, Django	https://www.udemy.com/coding-for- entrepreneurs/	True	195	23412	799	251	All Levels	45.0	2013-04-08T00:46:14Z	Web Development
	2681	477702	Python for Beginners: Python Programming Langu	https://www.udemy.com/python-course/	True	150	6153	125	84	Beginner Level	5.0	2015-06-14T18:18:57Z	Web Development
	2960	270808	Projects in Django and Python	https://www.udemy.com/projects-in- django-and-p	True	60	1764	53	28	All Levels	6.5	2014-10-21T07:58:07Z	Web Development
	3133	574082	Web Scraping with Python, Ruby & import. io	https://www.udemy.com/web-scraping- with-python	True	75	973	50	46	All Levels	4.5	2015-08-09T22:16:41Z	Web Development
	3138	631128	Complete Python Web Course: Build 8 Python Web	https://www.udemy.com/the-complete- python-web	True	110	7489	941	173	All Levels	16.0	2015-11-08T20:57:35Z	Web Development
			Professional Python										

9/10/24, 2:46 PM			Udemy course dataset Analysis.ipynb - Colab									
3160	368340	Web Development Using Flask	https://www.udemy.com/python-flask- course/	True	120	3420	489	102	Beginner Level	14.5	2015-03-04T00:10:36Z	Web Development
3192	1035940	Professional RESTful API Design using Python F	https://www.udemy.com/restful-api- flask-course/	True	120	578	25	36	Intermediate Level	4.5	2017-01-11T21:15:25Z	Web Development
3194	1063722	Learn Python Django - A Hands-On Course	https://www.udemy.com/learn-python- django-a-ha	True	50	1339	21	18	Beginner Level	2.0	2017-01-18T21:53:34Z	Web Development
3197	76052	Try Django 1.9   Build a Blog and Learn Python	https://www.udemy.com/try-django/	True	50	7407	172	147	All Levels	20.0	2014-03-04T07:12:21Z	Web Development
3200	822444	Python and Django Full Stack Web Developer Boo	https://www.udemy.com/python-and- django-full-s	True	200	11832	1883	191	All Levels	31.5	2017-02-24T18:40:55Z	Web Development
3203	970600	REST APIs with Flask and Python	https://www.udemy.com/rest-api-flask- and-python/	True	110	5151	737	115	Intermediate Level	12.5	2016-11-06T19:00:38Z	Web Development

Intermediate

### 9) What are the Maximum Number of Subscribers for Each level of course?

https://www.udamy.com/advanced

data.groupby('level')['num\_subscribers'].max()

Advanced Scalable

→ level

All Levels 268923
Beginner Level 161029
Expert Level 5172
Intermediate Level 29167

Name: num\_subscribers, dtype: int64

M/oh