In [1]:

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
%matplotlib inline
```

In [2]:

```
db = pd.read_csv(r'C:\dataus.csv',encoding='cp866')
```

In [3]:

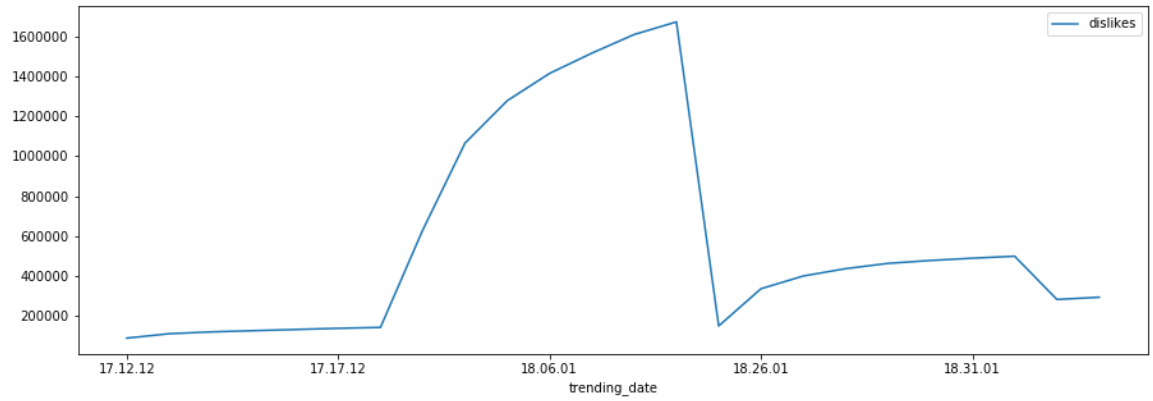
```
dblogan = db[db['channel_title'] == 'Logan Paul Vlogs']
```

In [4]:

```
dblogan.plot('trending_date','dislikes',figsize = [15,5])
```

Out[4]:

```
<matplotlib.axes._subplots.AxesSubplot at 0xb3b95d0>
```

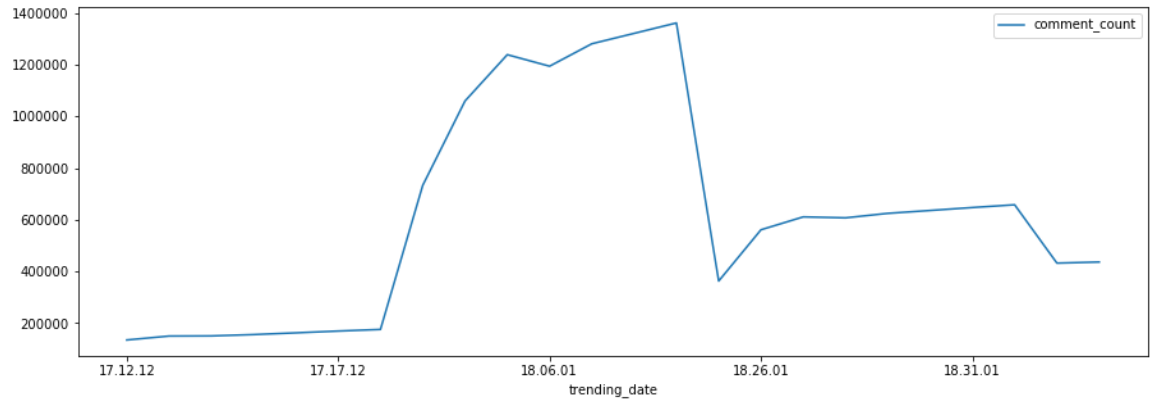


In [5]:

```
dblogan.plot('trending_date','comment_count',figsize = [15,5])
```

Out[5]:

```
<matplotlib.axes._subplots.AxesSubplot at 0xb46e810>
```



In [6]:

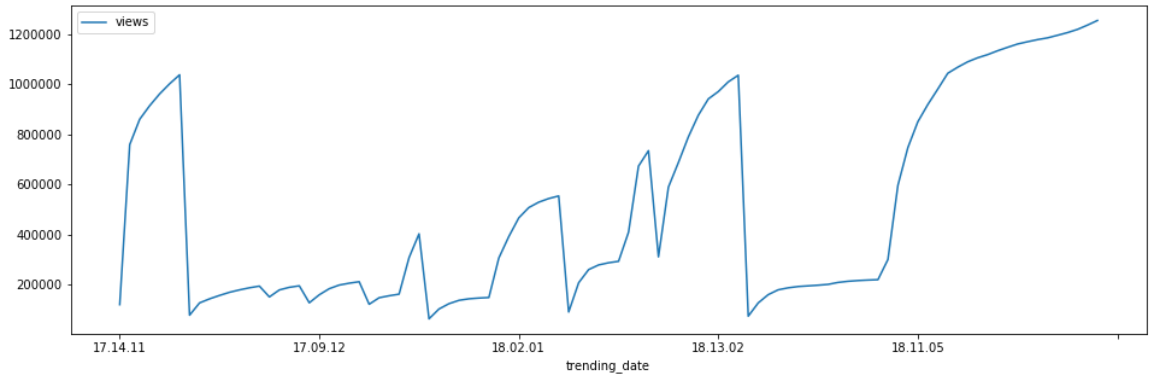
```
dbapple = db[db['channel_title'] == 'iJustine']
```

In [7]:

```
dbapple.plot('trending_date','views',figsize = [16,5])
```

Out[7]:

```
<matplotlib.axes._subplots.AxesSubplot at 0xb44e8f0>
```



In [8]:

```
dbapple2 = dbapple[dbapple["views"] > 1000000]
```

In [9]:

```
dbapple2.head(10)
```

Out[9]:

	video_id	trending_date	title	channel_title	category_id	publish_time
1154	gHZ1Qz0KiKM	17.19.11	2 Weeks with iPhone X	iJustine	28	2017-11-13T19:07:23.000Z
1379	gHZ1Qz0KiKM	17.20.11	2 Weeks with iPhone X	iJustine	28	2017-11-13T19:07:23.000Z
18124	L9FBI1kOEHo	18.14.02	HomePod Unboxing!	iJustine	28	2018-02-06T13:30:58.000Z
18364	L9FBI1kOEHo	18.15.02	HomePod Unboxing!	iJustine	28	2018-02-06T13:30:58.000Z
34858	4HX6R88QZB0	18.15.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z
35068	4HX6R88QZB0	18.16.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z
35276	4HX6R88QZB0	18.17.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z
35486	4HX6R88QZB0	18.18.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z
35687	4HX6R88QZB0	18.19.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z
35890	4HX6R88QZB0	18.20.05	Original 2007 iPhone Unboxing!!!	iJustine	22	2018-05-07T14:31:43.000Z

In [10]:

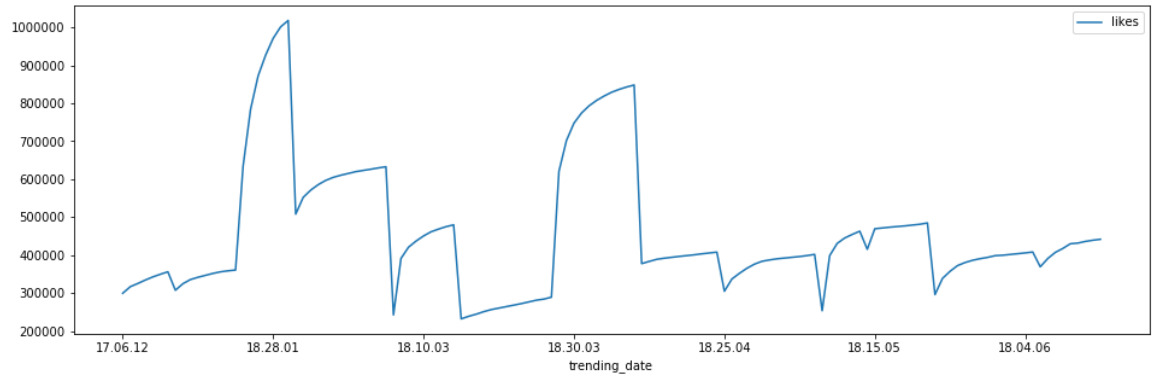
```
dbbeast = db[db['channel_title'] == 'Dude Perfect']
```

In [11]:

```
dbbeast.plot('trending_date', 'likes', figsize = [16,5])
```

Out[11]:

```
<matplotlib.axes._subplots.AxesSubplot at 0xb919dd0>
```

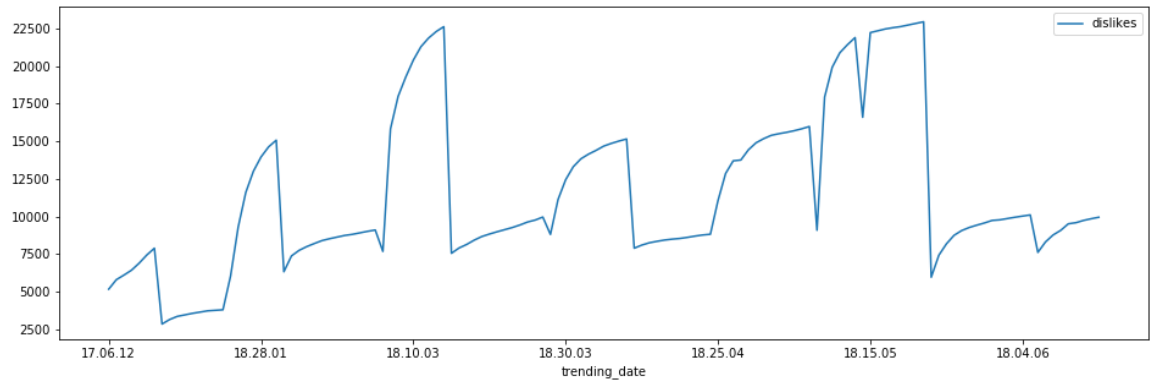


In [12]:

```
dbbeast.plot('trending_date', 'dislikes', figsize = [16,5])
```

Out[12]:

```
<matplotlib.axes._subplots.AxesSubplot at 0xb90db90>
```



In [13]:

```
dbbeast.sort_values("dislikes", ascending = False)
```

Out[13]:

	video_id	trending_date	title	channel_title	category_id	publish_time	
36297	FeplkIILumA	18.22.05	Fortnite with Ninja | Dude Perfect	Dude Perfect	17	2018-05-07T21:55:24.000Z	du ste
36094	FeplkIILumA	18.21.05	Fortnite with Ninja | Dude Perfect	Dude Perfect	17	2018-05-07T21:55:24.000Z	du ste
35872	FeplkIILumA	18.20.05	Fortnite with Ninja | Dude Perfect	Dude Perfect	17	2018-05-07T21:55:24.000Z	du ste
35670	FeplkIILumA	18.19.05	Fortnite with Ninja | Dude Perfect	Dude Perfect	17	2018-05-07T21:55:24.000Z	du ste
23644	MuPL-PSMX0Q	18.14.03	World's Longest LEGO Walk | Dude Perfect	Dude Perfect	17	2018-03-05T22:54:42.000Z	du ste
...	...	...	...	...	...	...	
9661	9oyKePWRi8Y	18.01.01	Best of 2017 | Dude Perfect	Dude Perfect	17	2017-12-26T22:55:15.000Z	du ste
9457	9oyKePWRi8Y	17.31.12	Best of 2017 | Dude Perfect	Dude Perfect	17	2017-12-26T22:55:15.000Z	du ste
9238	9oyKePWRi8Y	17.30.12	Best of 2017 | Dude Perfect	Dude Perfect	17	2017-12-26T22:55:15.000Z	du ste
9022	9oyKePWRi8Y	17.29.12	Best of 2017 | Dude Perfect	Dude Perfect	17	2017-12-26T22:55:15.000Z	du ste

	video_id	trending_date	title	channel_title	category_id	publish_time	
8814	9oyKePWRi8Y	17.28.12	Best of 2017 | Dude Perfect	Dude Perfect	17	2017-12-26T22:55:15.000Z	du ste

131 rows × 16 columns

In [ ]: