

tmp

April 21, 2022

1

1.0.1

1.0.2

- 
- mm/h  $\times 10^3 \text{m}^3$  (m<sup>3</sup>/s) (m<sup>3</sup>/s) ( )



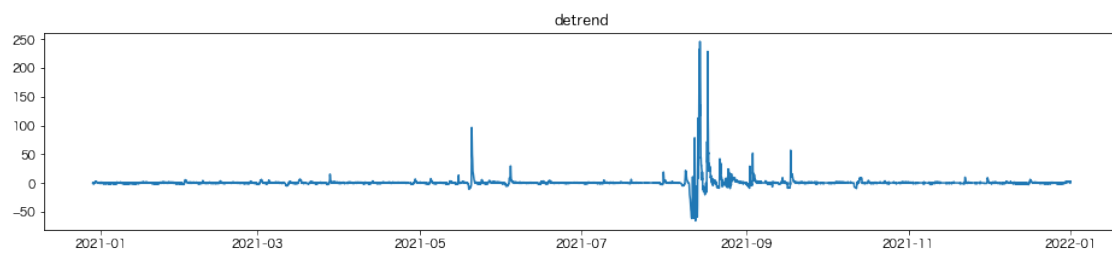
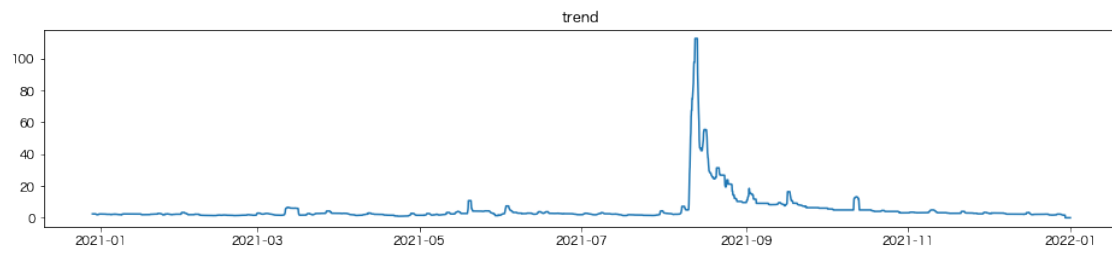
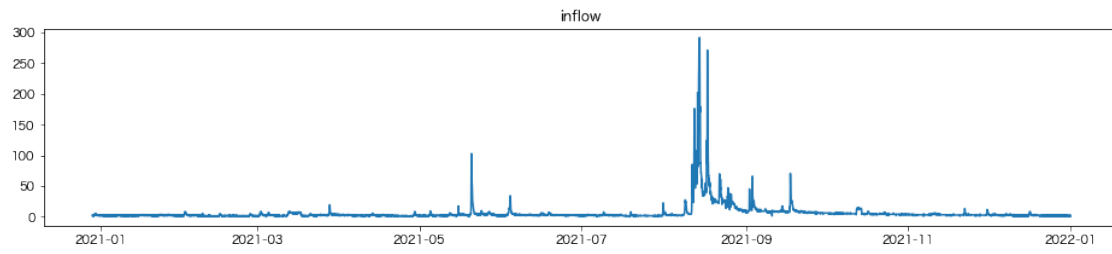
	inflow	place	date	hour	datetime
95153	2.01	Kasegawa	2012/11/08	18:00	2012-11-08 17:00:00
95154	1.99	Kasegawa	2012/11/08	19:00	2012-11-08 18:00:00
95155	1.98	Kasegawa	2012/11/08	20:00	2012-11-08 19:00:00
95156	1.99	Kasegawa	2012/11/08	21:00	2012-11-08 20:00:00
95157	2.00	Kasegawa	2012/11/08	22:00	2012-11-08 21:00:00

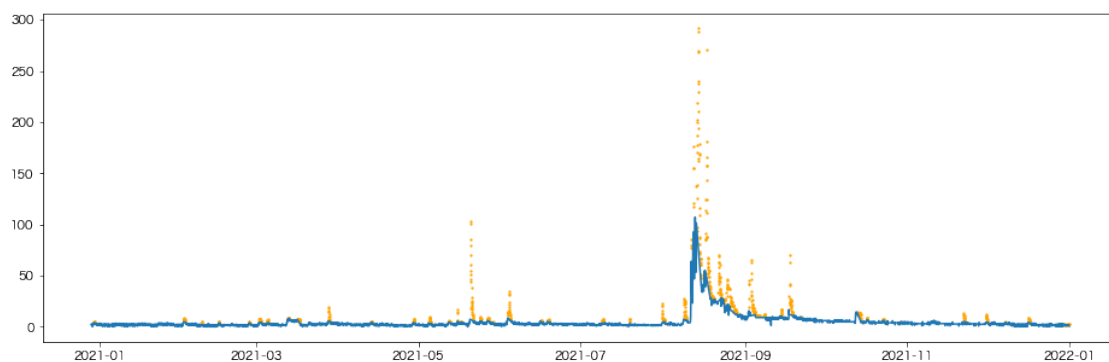
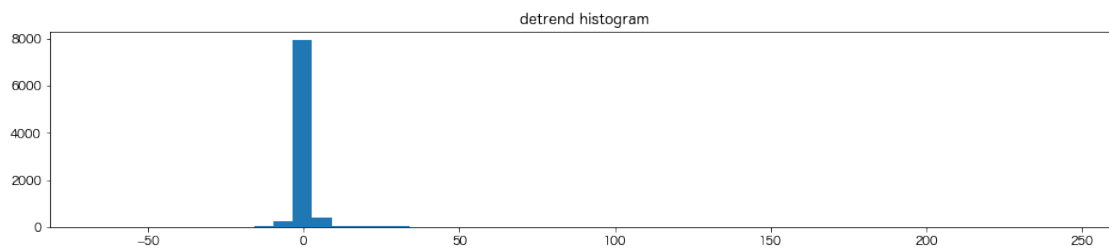
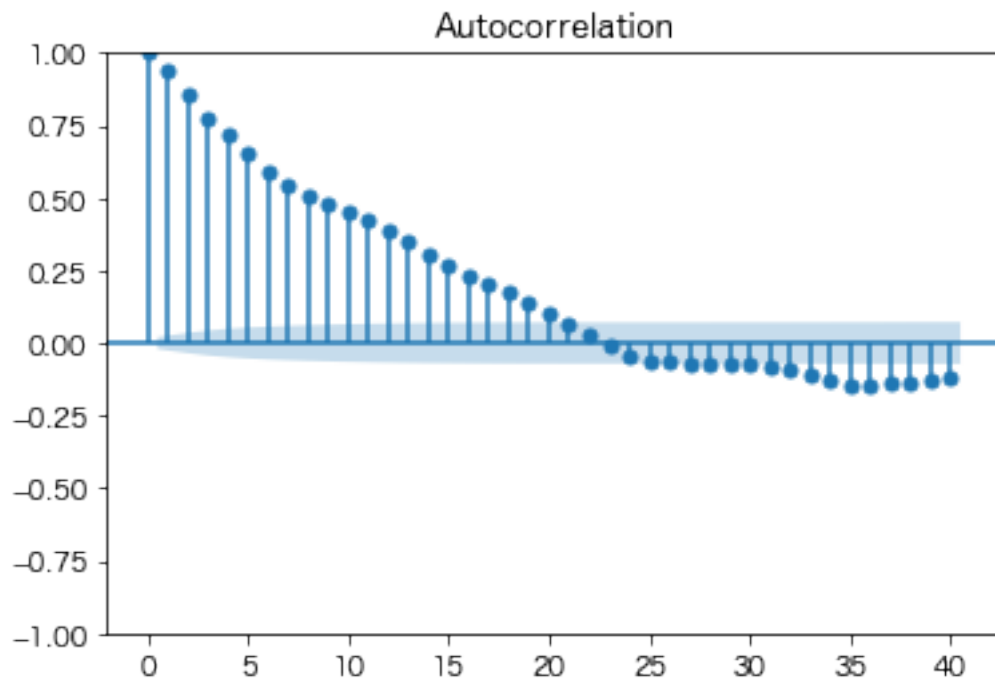
1.1

```
<ipython-input-190-68056a34abc4>:11: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



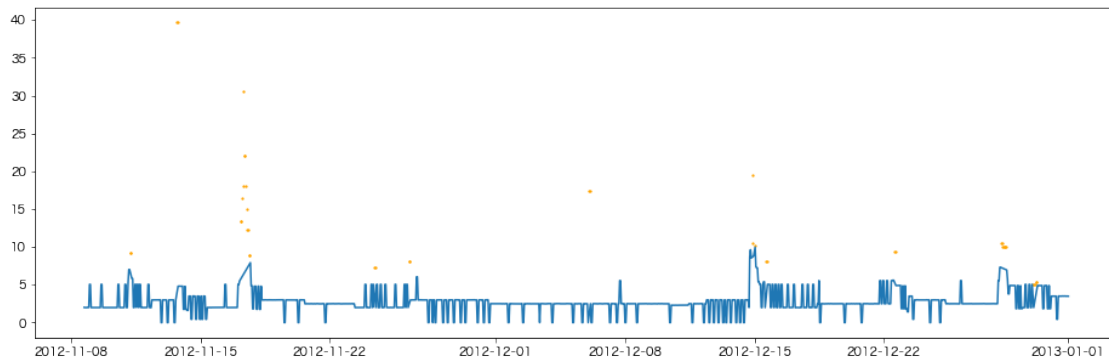


<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.

Try using `.loc[row_indexer,col_indexer] = value` instead

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

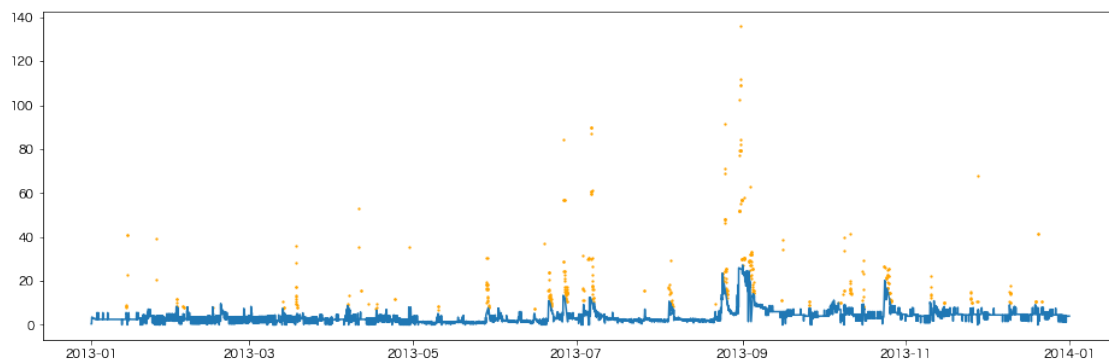
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

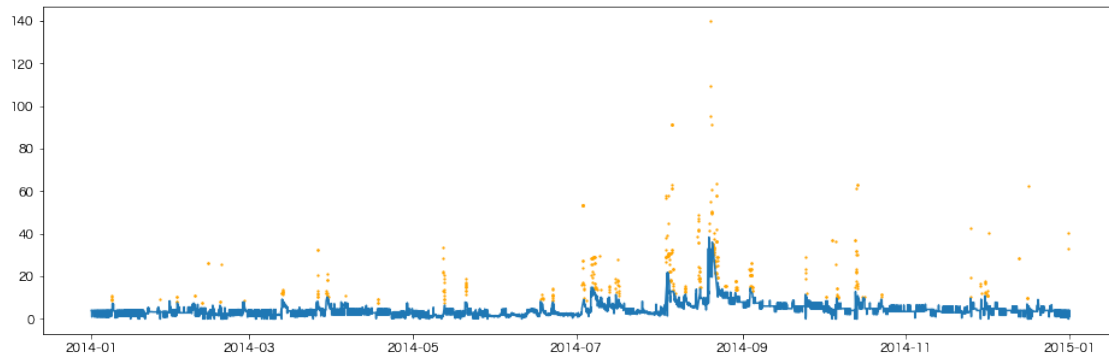
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

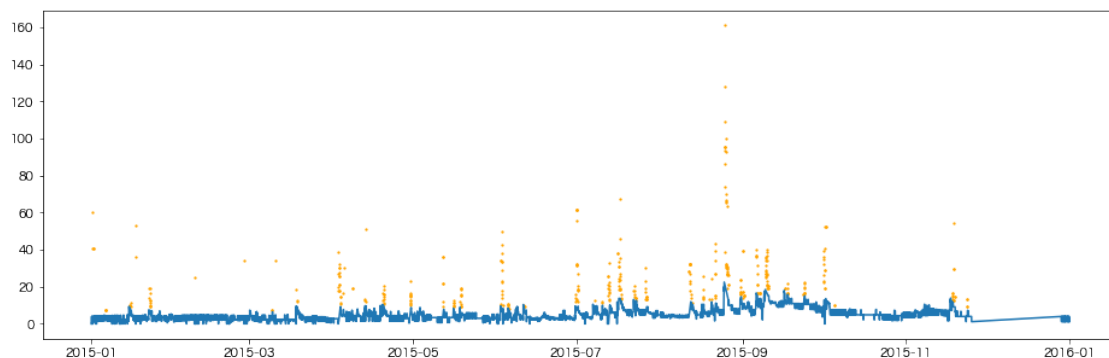
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

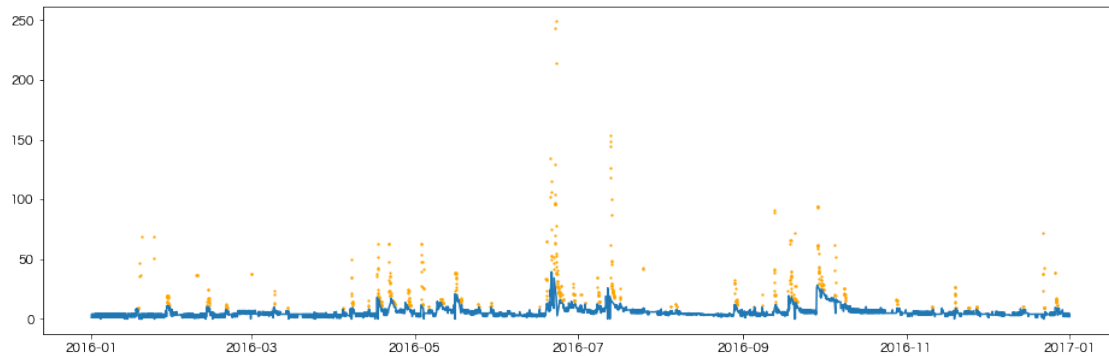
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

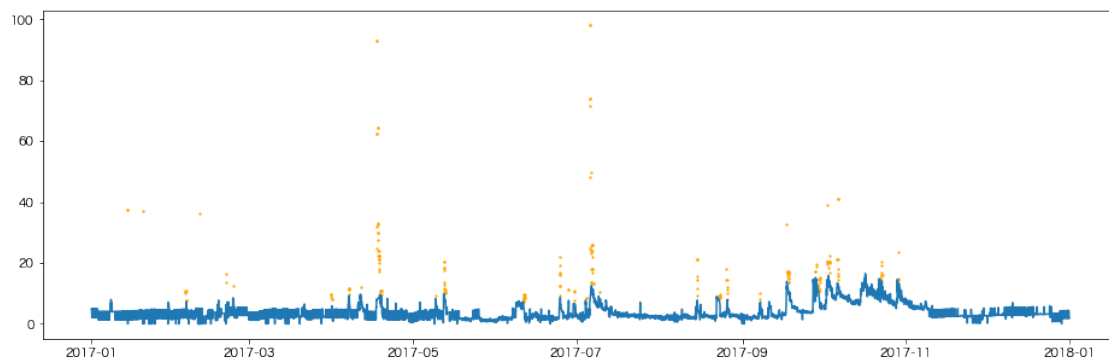
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

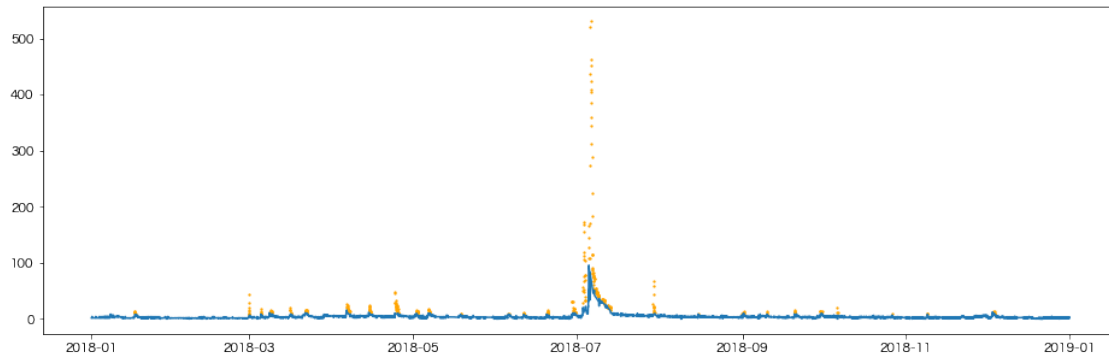
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

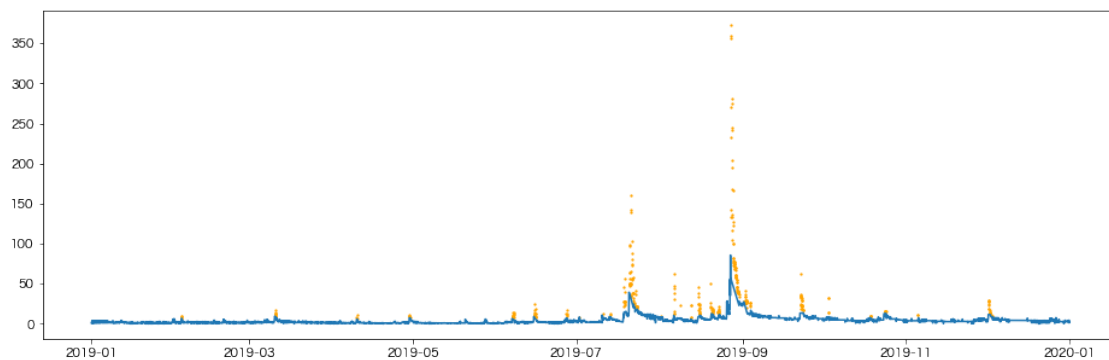
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

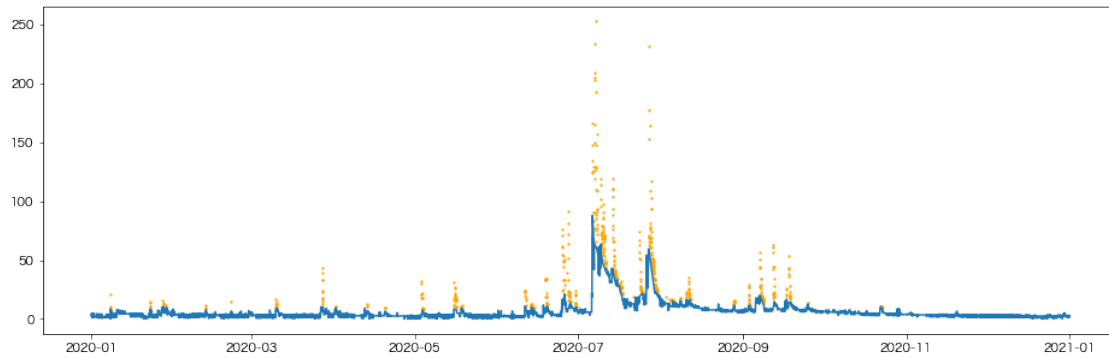
```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



```
<ipython-input-196-e1331d4e6552>:16: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
target_df['trend'] = np.append(trend, np.zeros(window - 1))
```



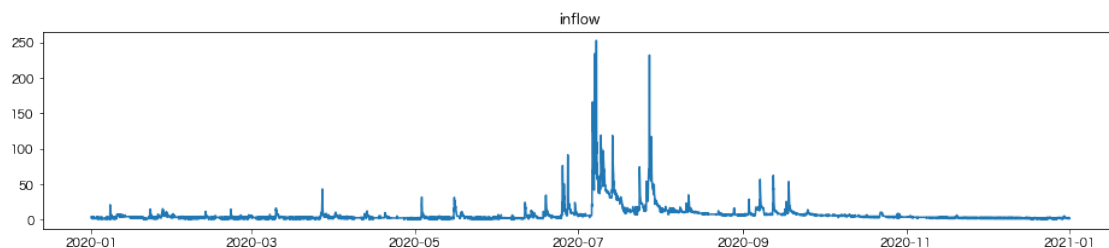
	inflow	place	date	hour	datetime	trend
158069	8.52	Kasegawa	2020/02/12	21:00	2020-02-12 20:00:00	3.480
160021	8.87	Kasegawa	2020/05/04	05:00	2020-05-04 04:00:00	3.470
160020	8.87	Kasegawa	2020/05/04	04:00	2020-05-04 03:00:00	3.475
160017	8.88	Kasegawa	2020/05/04	01:00	2020-05-04 00:00:00	3.485
160019	8.89	Kasegawa	2020/05/04	03:00	2020-05-04 02:00:00	3.480
...	...	...	...	...	...	...
161562	205.32	Kasegawa	2020/07/07	10:00	2020-07-07 09:00:00	59.960
161563	208.70	Kasegawa	2020/07/07	11:00	2020-07-07 10:00:00	57.310
162054	232.03	Kasegawa	2020/07/27	22:00	2020-07-27 21:00:00	51.175
161561	233.97	Kasegawa	2020/07/07	09:00	2020-07-07 08:00:00	63.545
161577	252.74	Kasegawa	2020/07/08	01:00	2020-07-08 00:00:00	56.255

[552 rows x 6 columns]

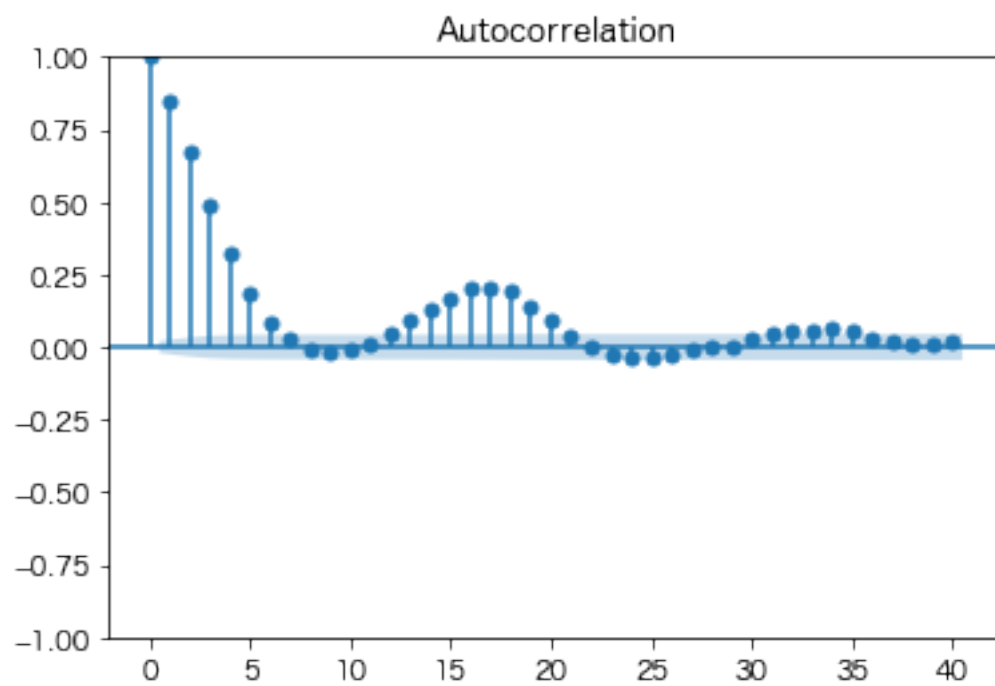
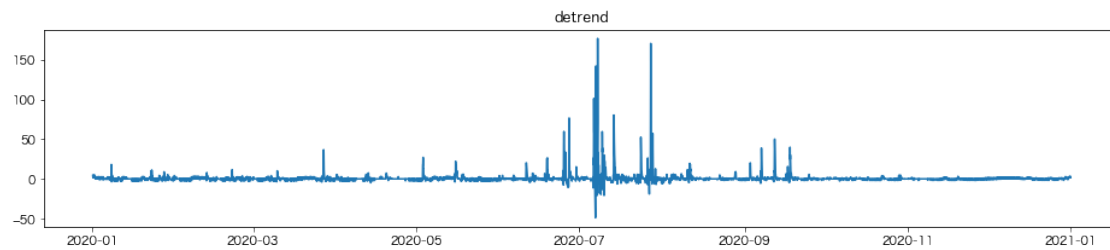
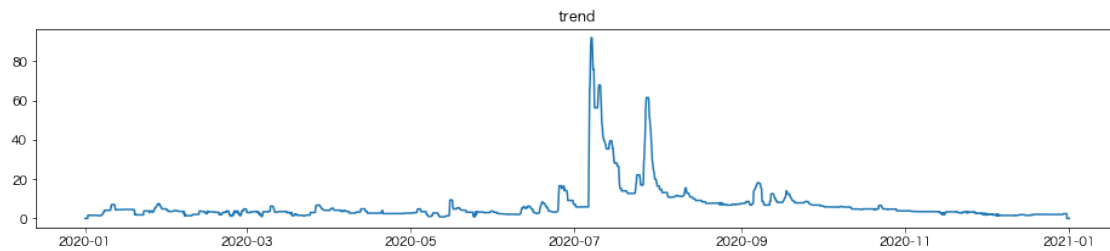
## 1.2

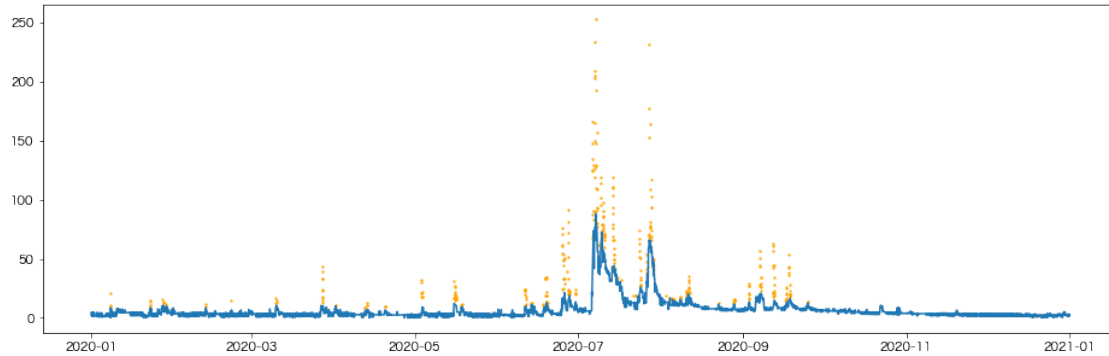
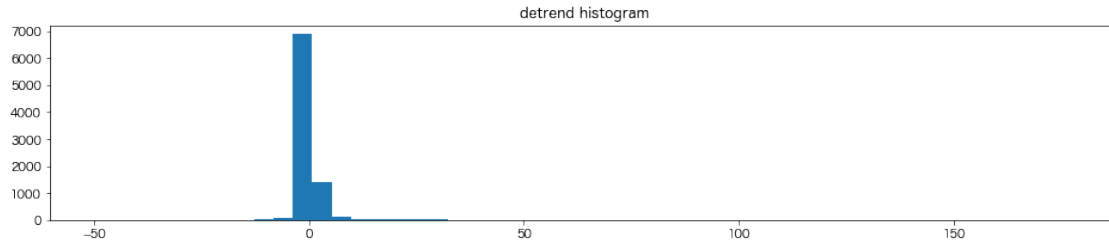
<ipython-input-199-02e9c5ce1dda>:4: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row\_indexer,col\_indexer] = value instead

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)  
target\_df['trend'] = full\_trend





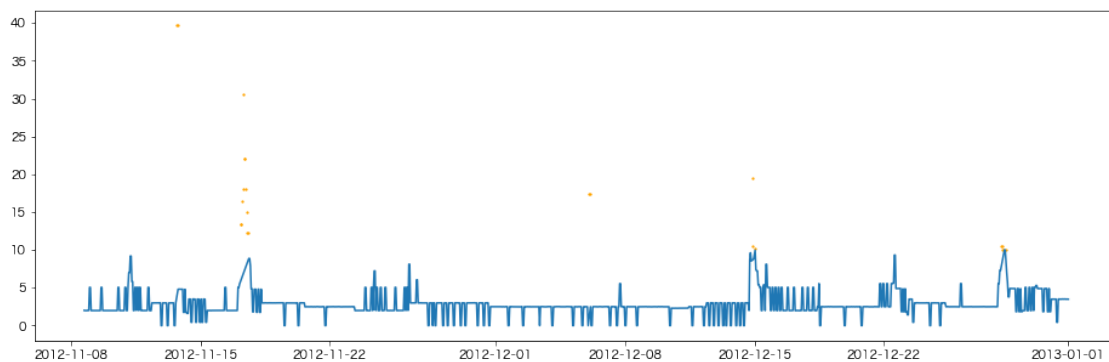




```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

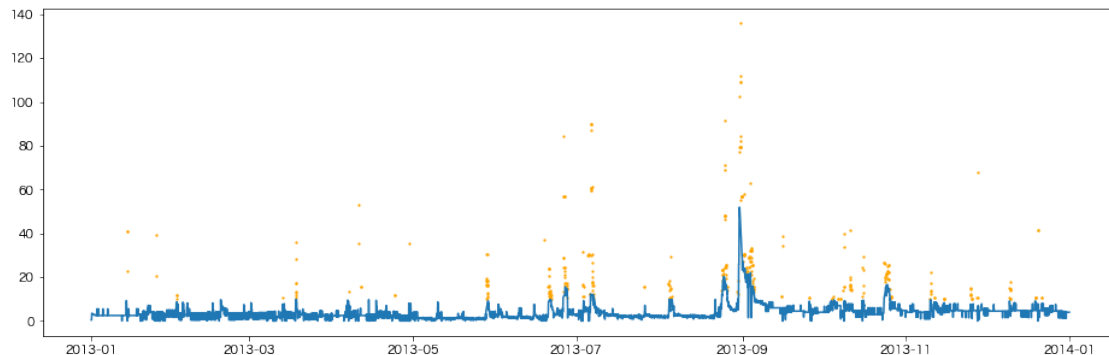
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

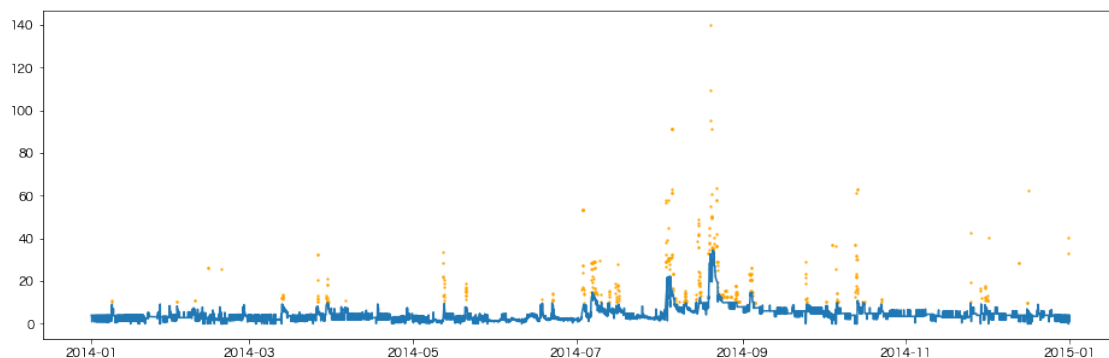
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

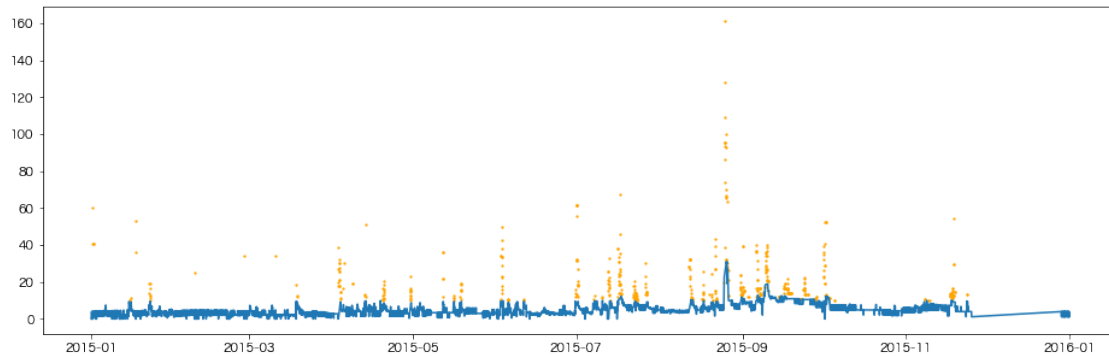
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

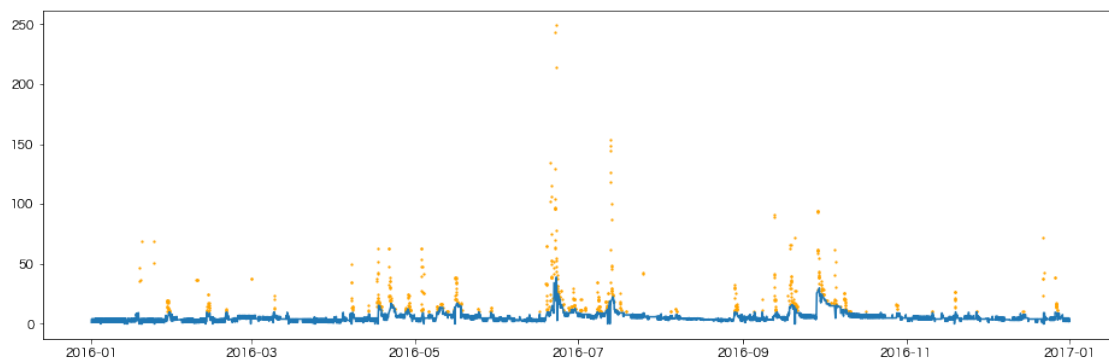
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

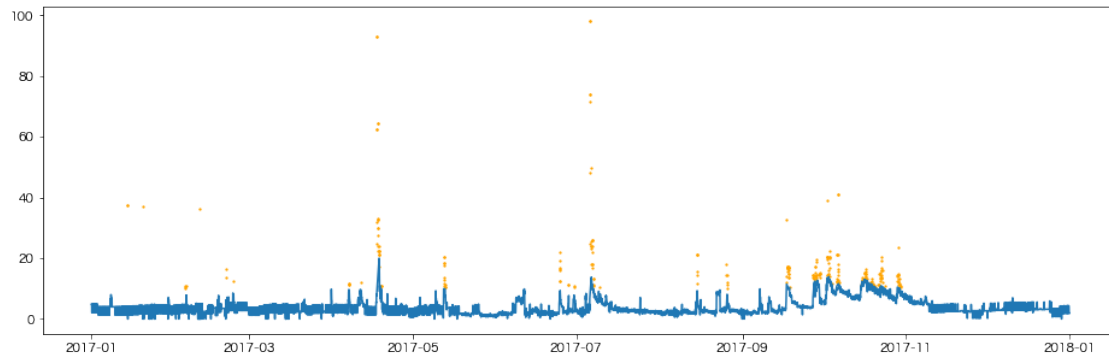
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

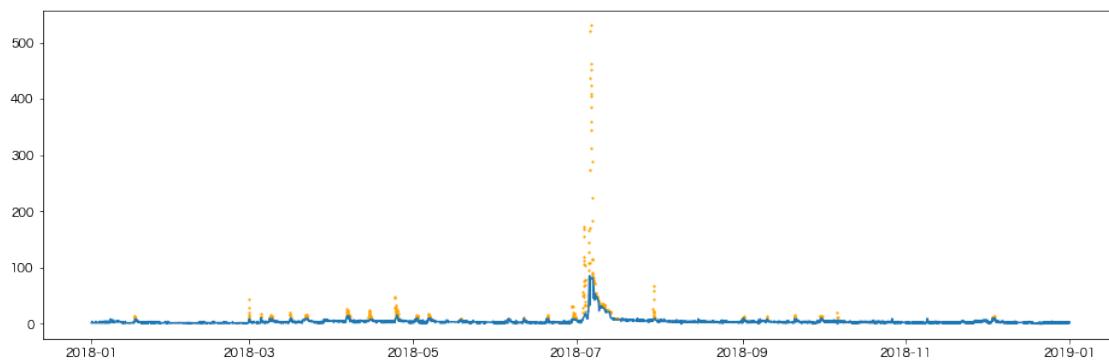
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fefd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

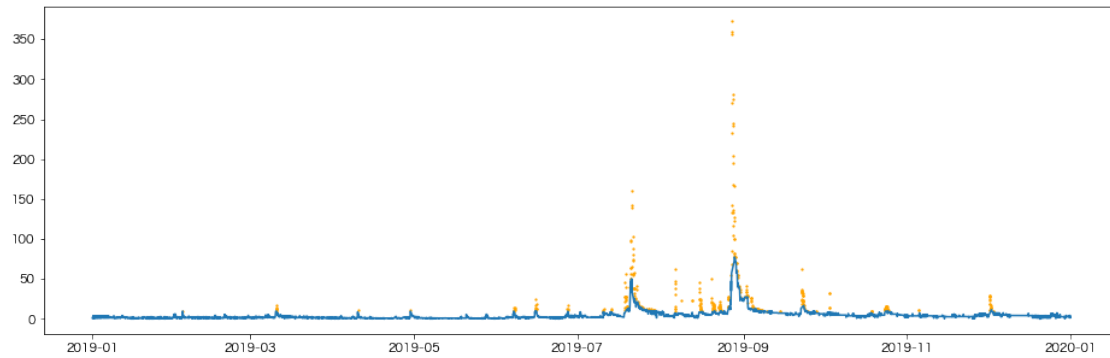
```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fefd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
target_df['trend'] = full_trend
```



```
<ipython-input-204-6bb0fafd1c68>:20: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead
```

See the caveats in the documentation: [https://pandas.pydata.org/pandas-docs/stable/user\\_guide/indexing.html#returning-a-view-versus-a-copy](https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy)

```
target_df['trend'] = full_trend
```

