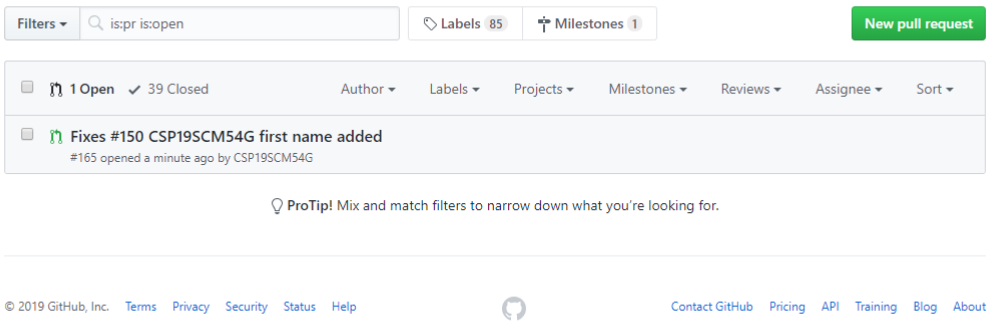
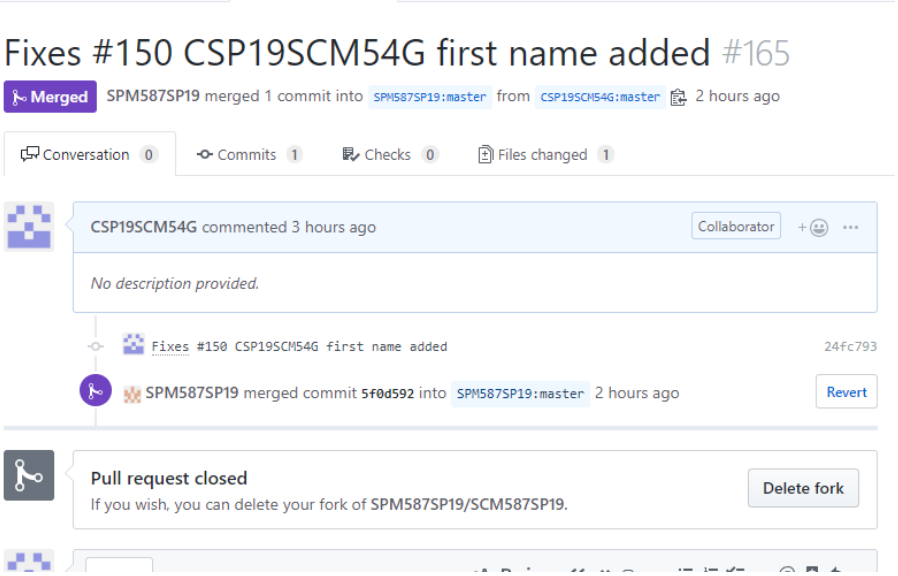
Assignment 5

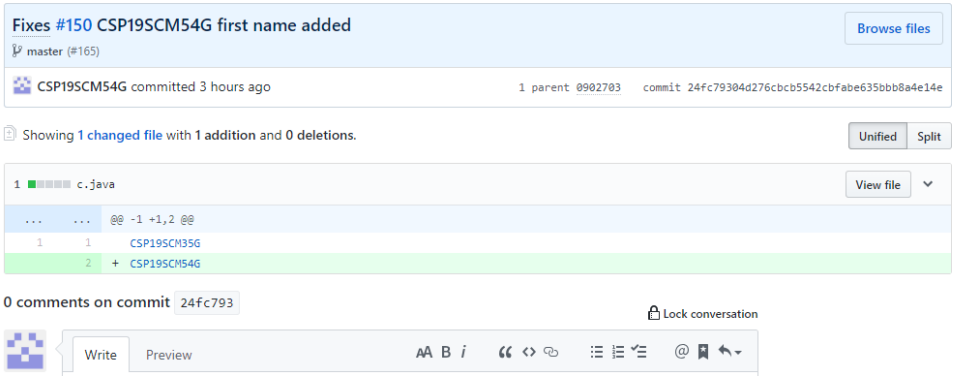
Chetan Gupta
A20378854

Phase 1

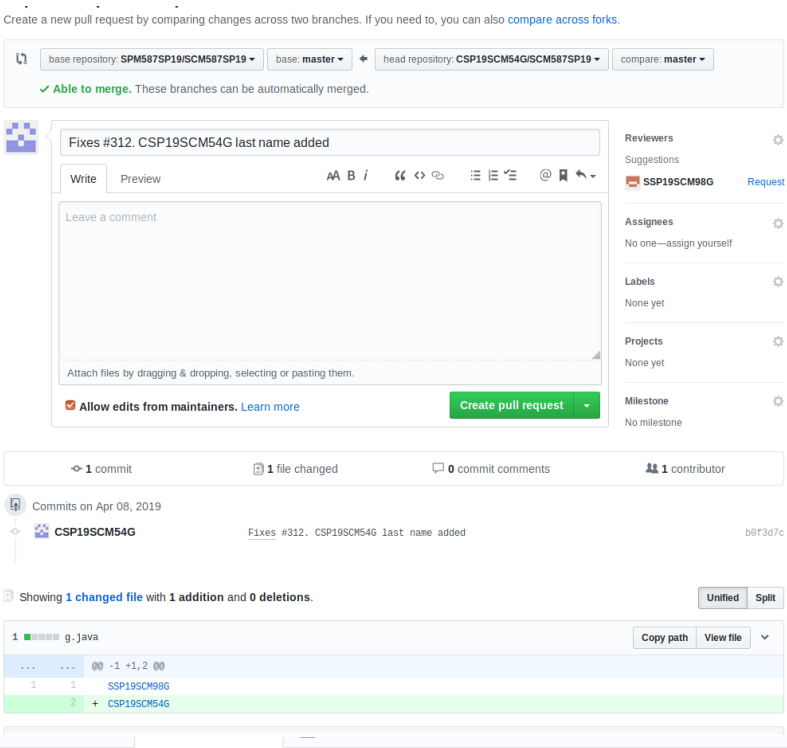
labeled with help wanted or good first issue

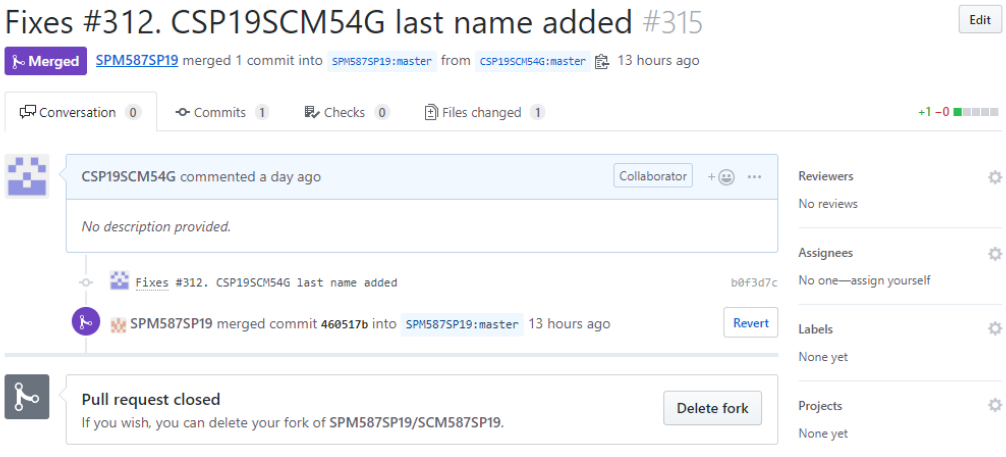


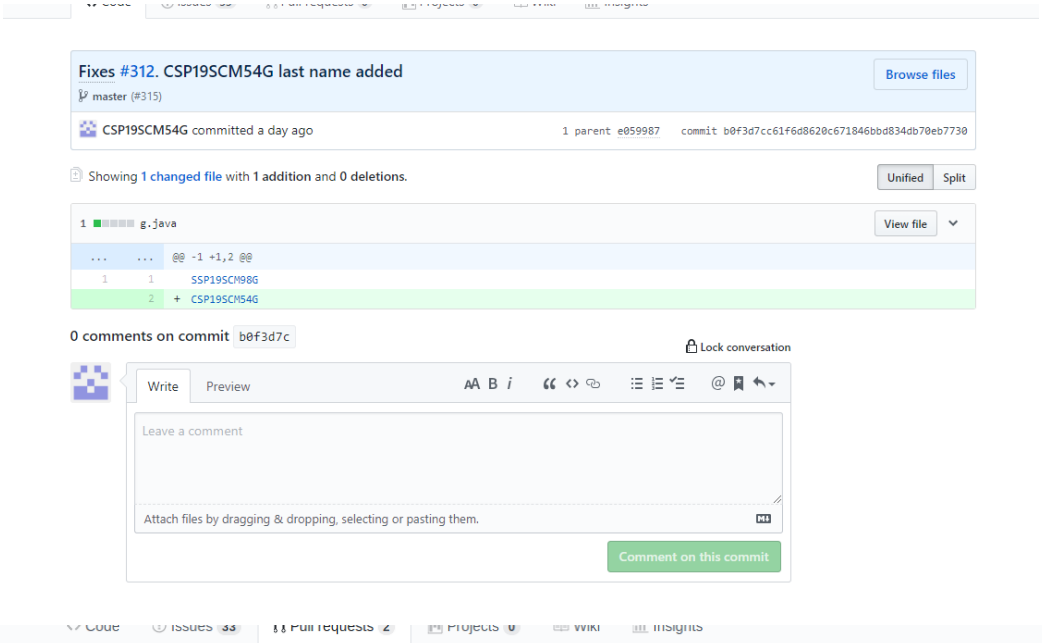


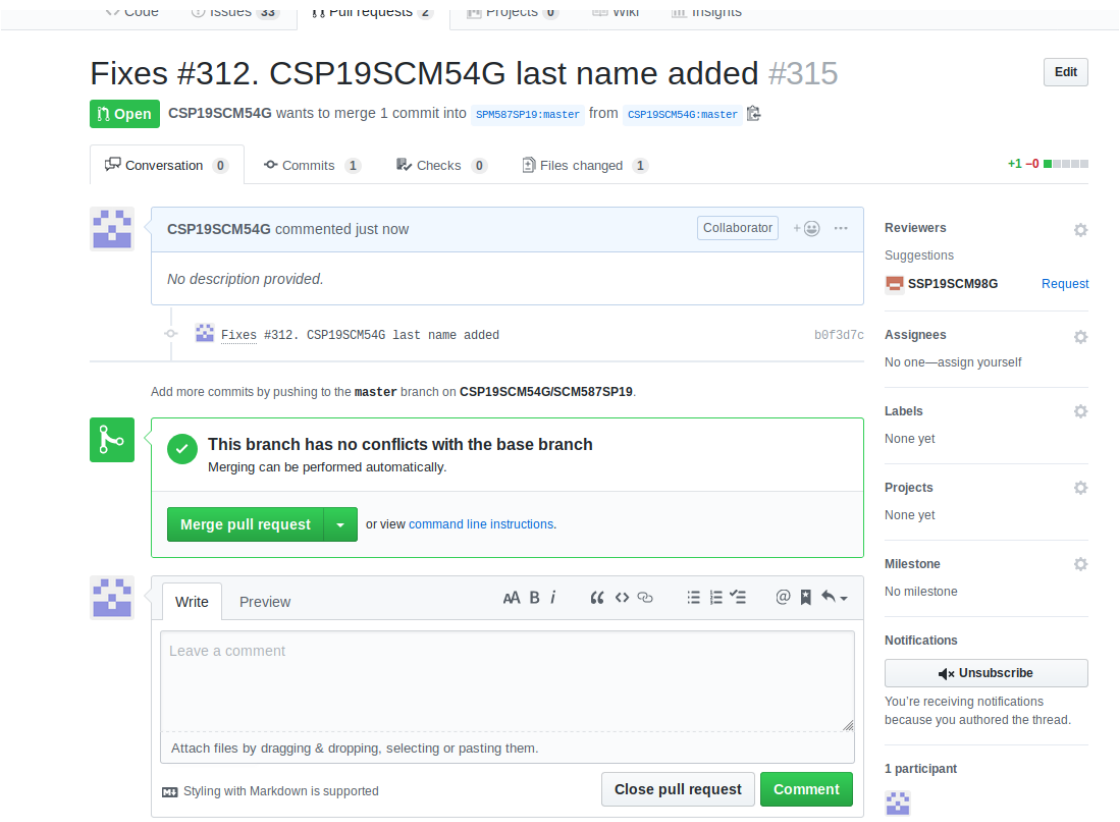


Phase 2


Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.
base repository: SPM587SP19/SCM587SP19
base: master
head repository: CSP19SCM54G/SCM587SP19
compare: master
Able to merge. These branches can be automatically merged.
Fixes #312. CSP19SCM54G last name added
Write
Preview
Leave a comment
Attach files by dragging & dropping, selecting or pasting them.
Allow edits from maintainers. Learn more
Create pull request
Reviewers
Suggestions
SSP19SCM98G
Request
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
1 commit
1 file changed
0 commit comments
1 contributor
Commits on Apr 08, 2019
CSP19SCM54G
Fixes #312. CSP19SCM54G last name added
b0f3d7c
Showing 1 changed file with 1 addition and 0 deletions.
Unified
Split
1 g.java
Copy path
View file
@@ -1 +1,2 @@
SSP19SCM98G
+ CSP19SCM54G

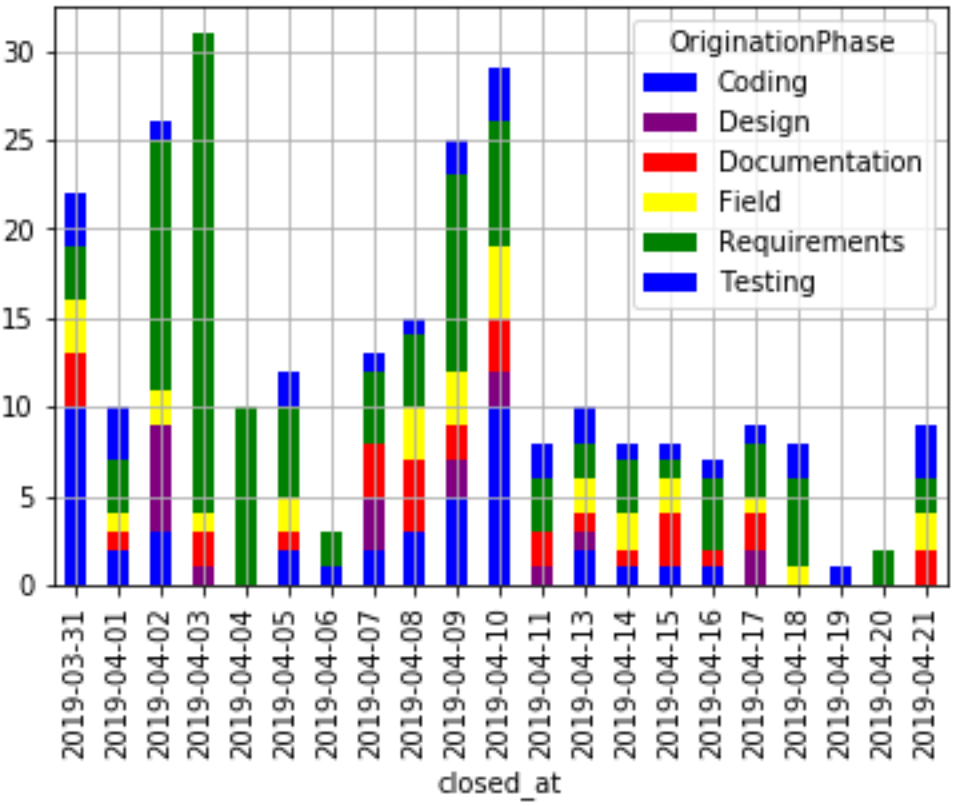

Fixes #312. CSP19SCM54G last name added #315
Edit
Merged
SPM587SP19 merged 1 commit into SPM587SP19:master from CSP19SCM54G:master 13 hours ago
Conversation 0
Commits 1
Checks 0
Files changed 1
+1 −0
CSP19SCM54G commented a day ago
Collaborator
No description provided.
Fixes #312. CSP19SCM54G last name added
b0f3d7c
SPM587SP19 merged commit 460517b into SPM587SP19:master 13 hours ago
Revert
Pull request closed
If you wish, you can delete your fork of SPM587SP19/SCM587SP19.
Delete fork
Reviewers
No reviews
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet



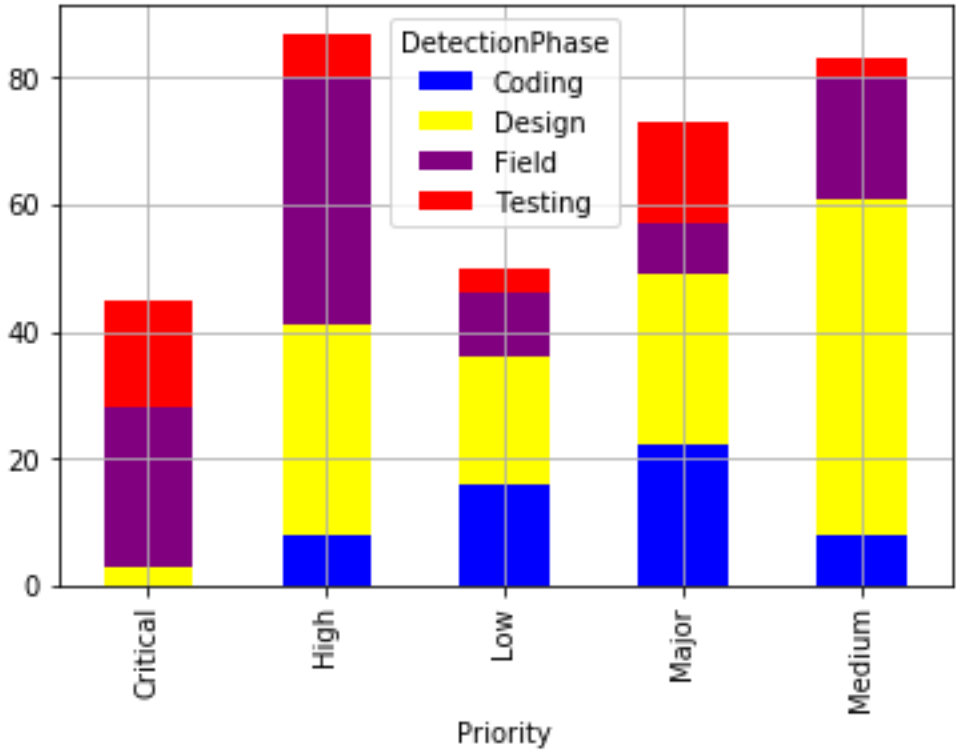


Phase 3

1. Requirement #1: Plot in Bar Chart the total number of issues closed every day for every Origination Phase

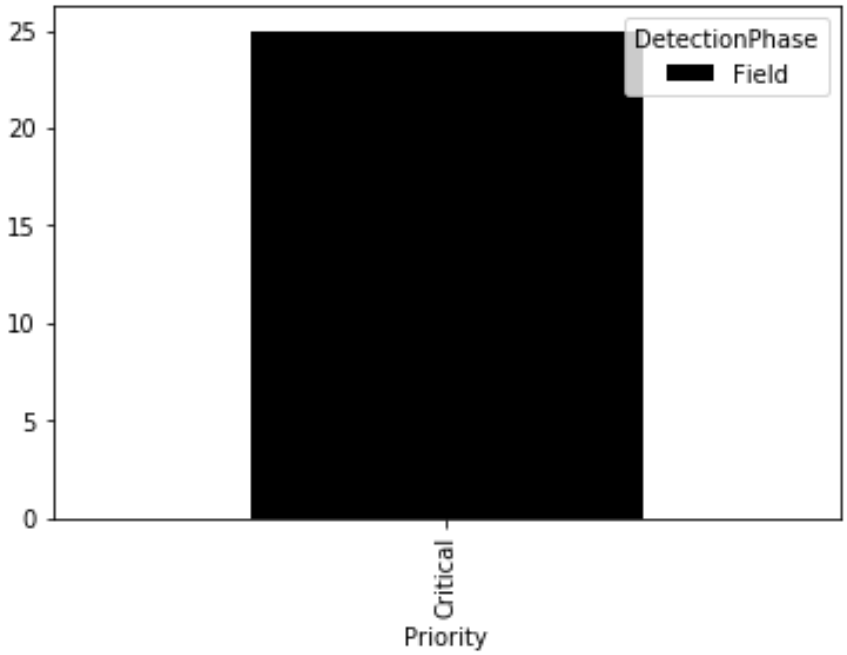


2. Requirement #2: Plot in Bar Chart the total number of issues created for every Phase based on their Status

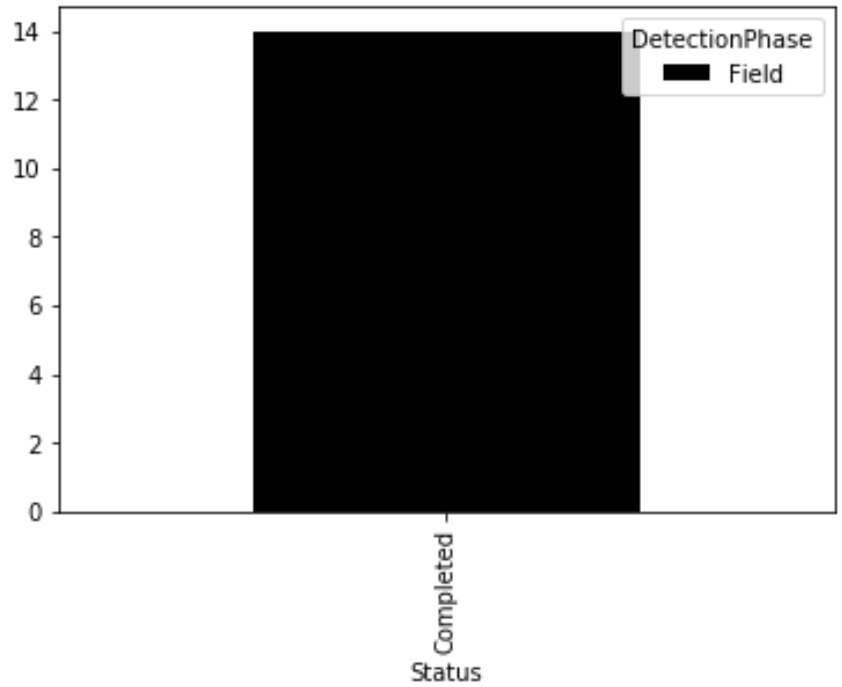


3. Requirement #3: Plot in Bar Chart the total number of issues for

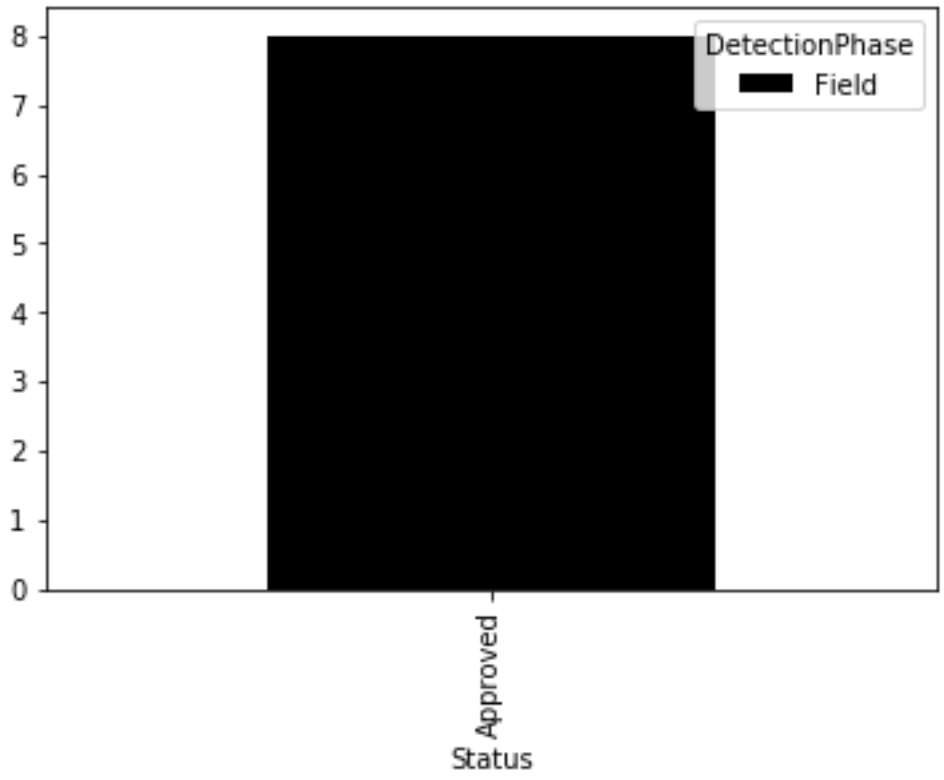
1) DetectionPhase is Field AND Priority is Critical



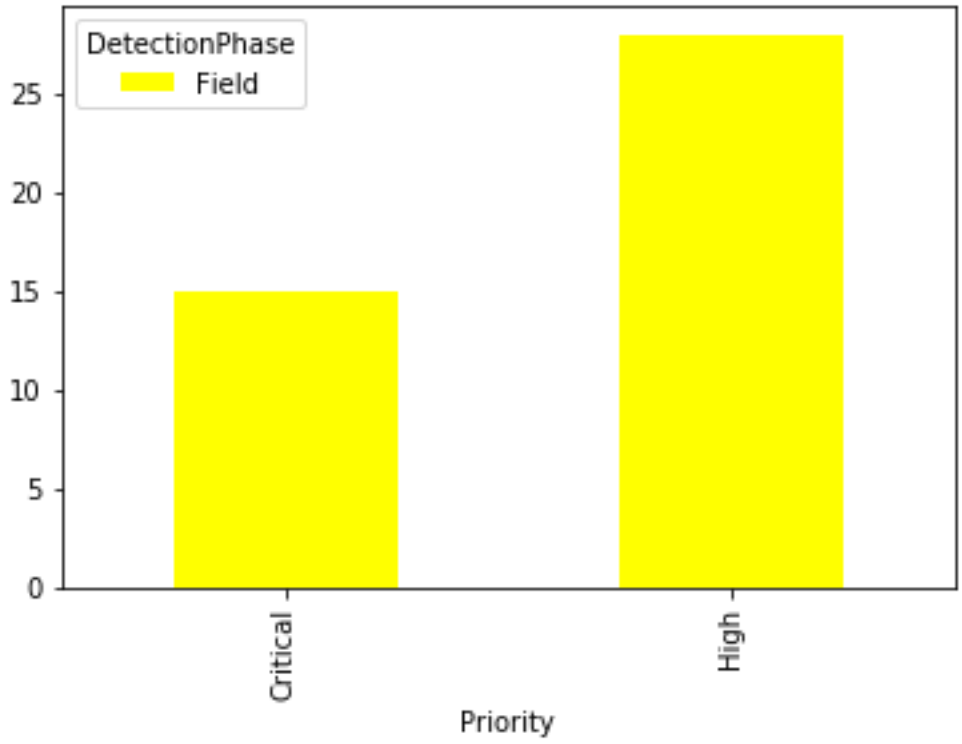
2) DetectionPhase is Field AND Status is Completed



3) DetectionPhase is Field AND Priority is Critical AND Status is Approved

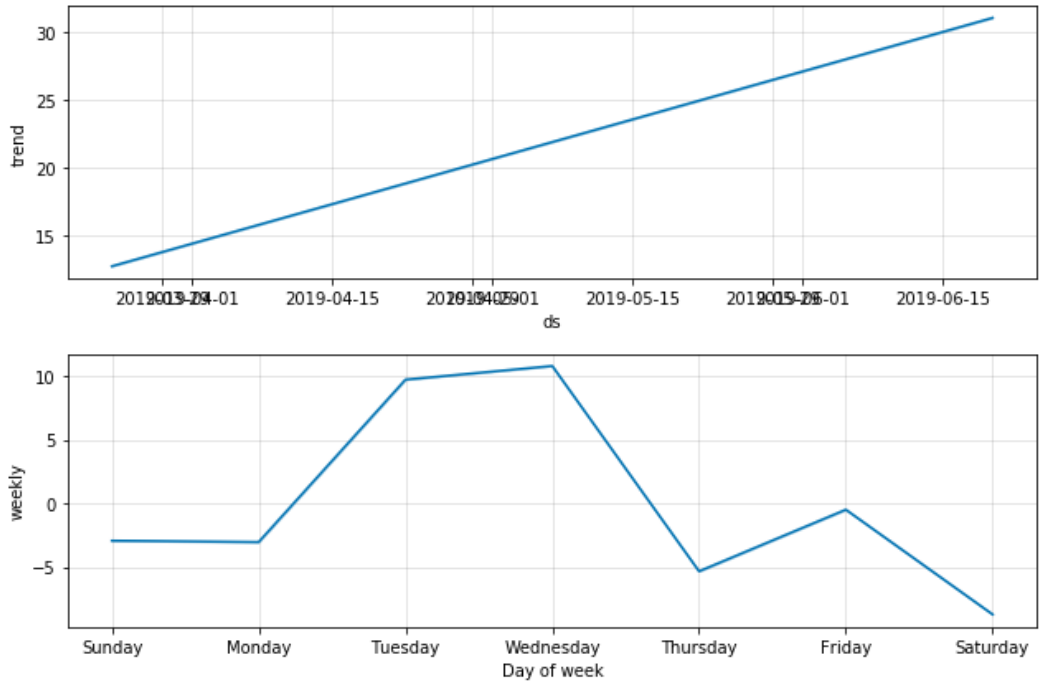


4) DetectionPhase is Field AND Priority is Critical or High AND Status is Approved or inProgress

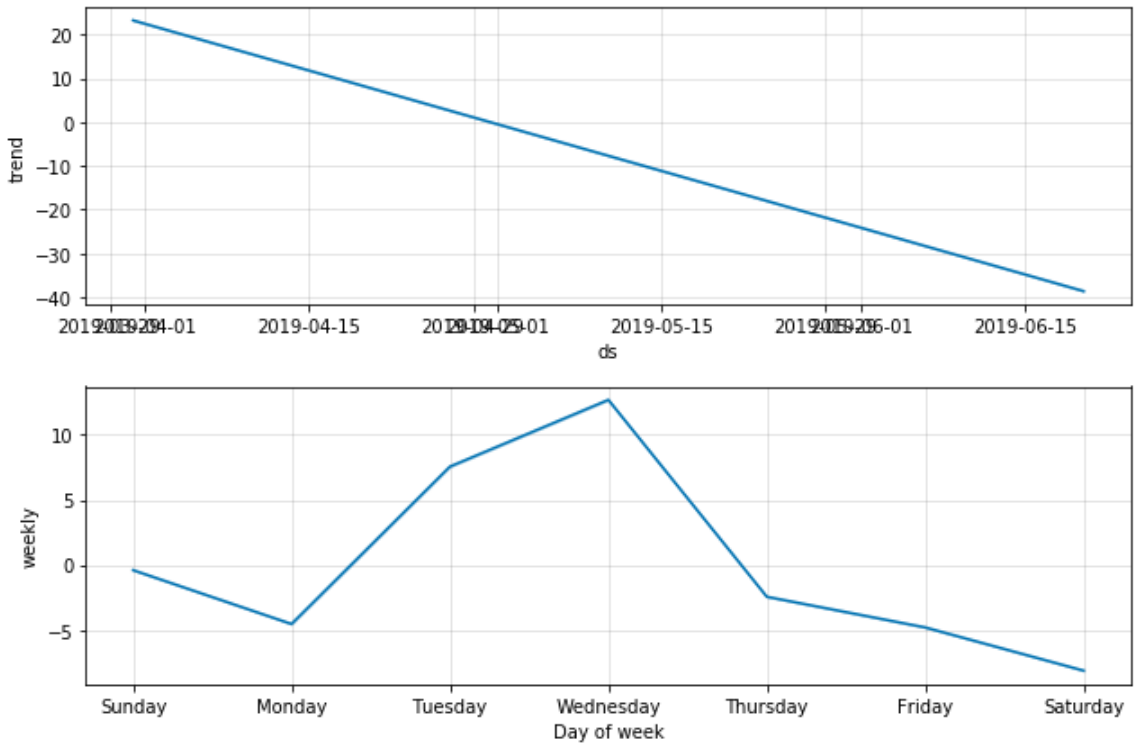


FB prophet

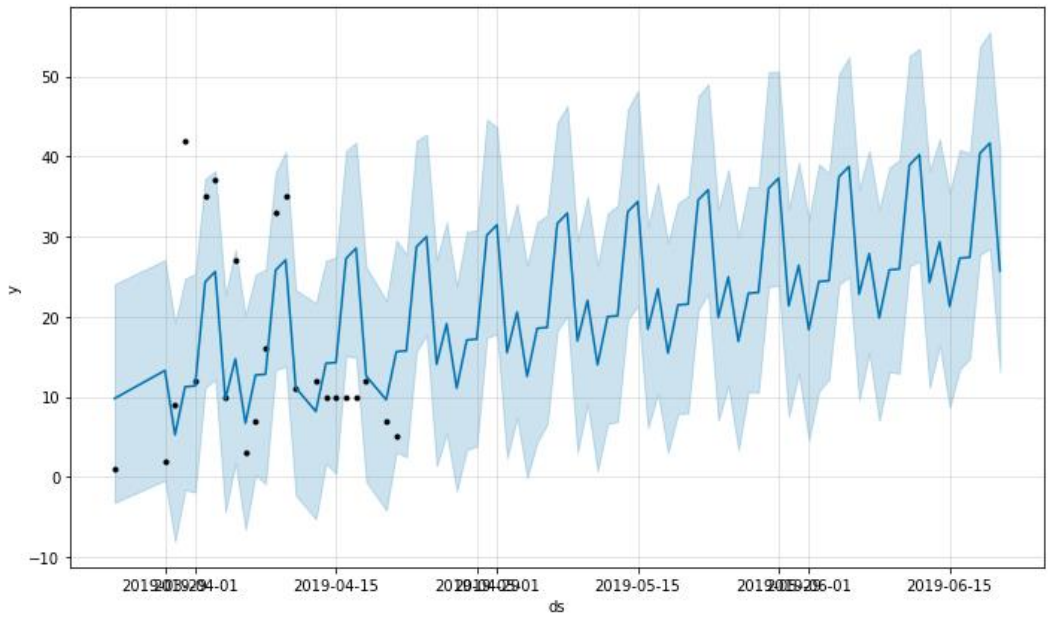
1. The day of the week maximum number of issues created



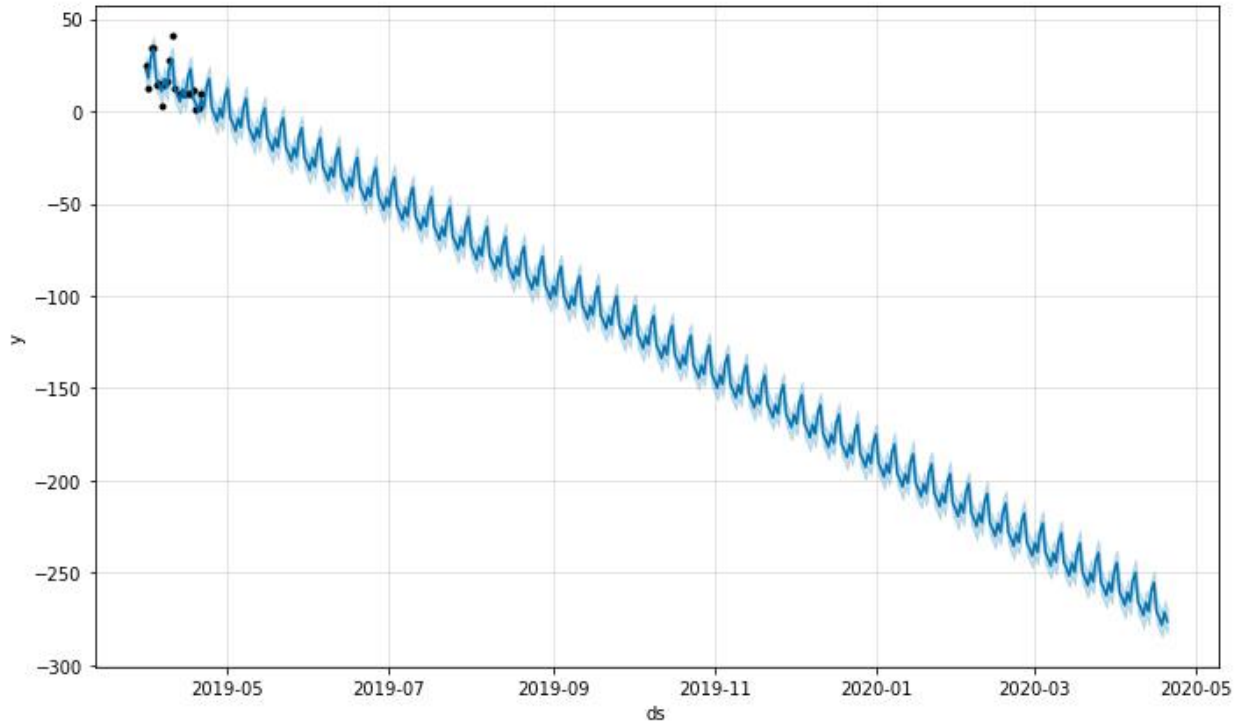
2. The day of the week maximum number of issues closed



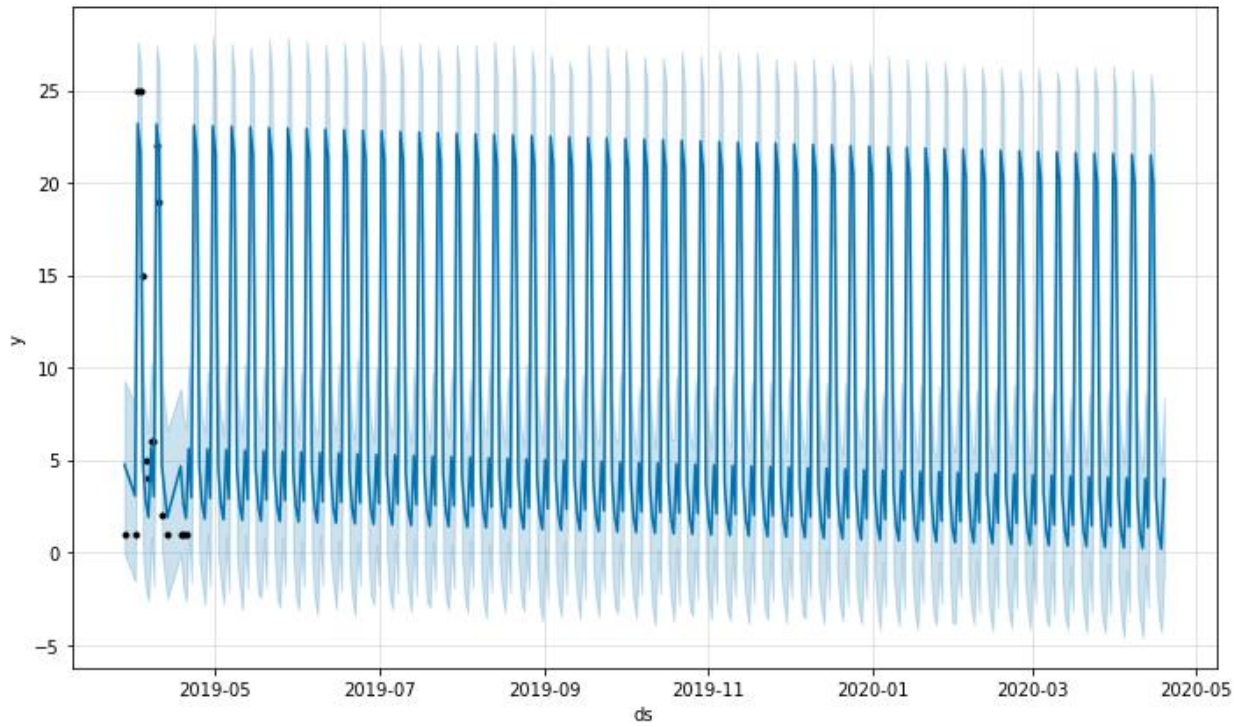
3. Plot the created issues forecast by calling the Prophet.plot method and passing in your forecast dataframe.



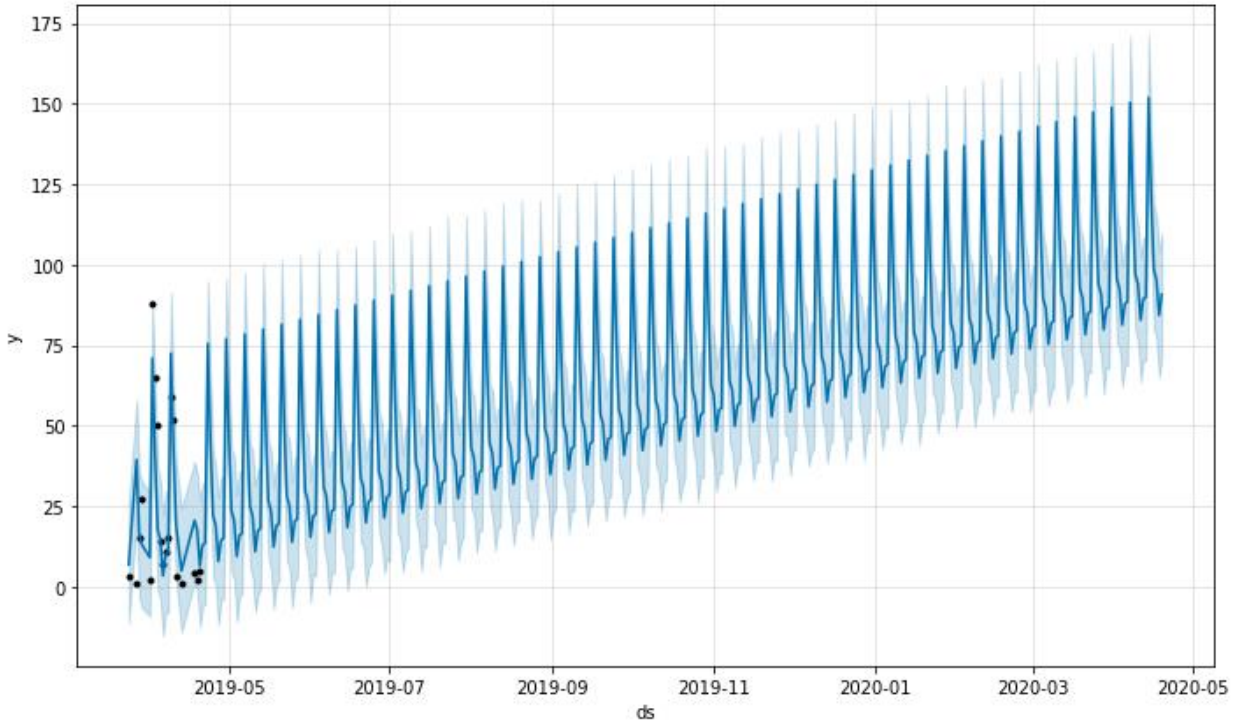
4. Plot the closed issues forecast; use the Prophet.plot_components method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.



5. Plot the pulls forecast; use the Prophet.plot_components method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.

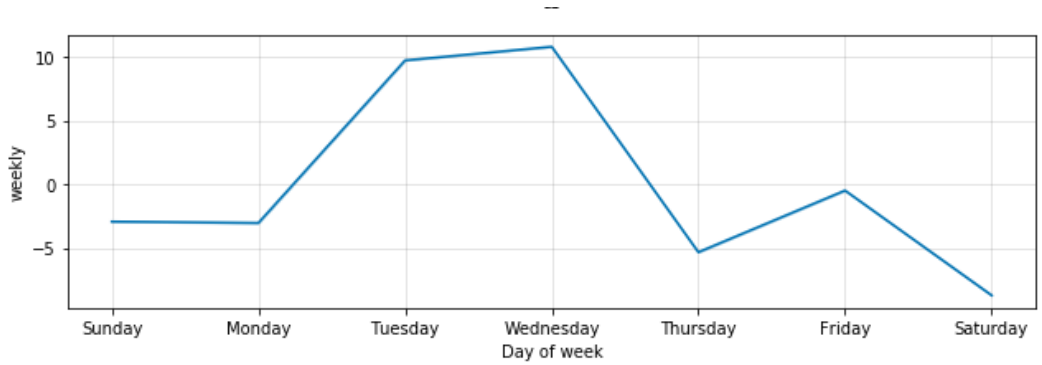


6. Plot the commits forecast; use the Prophet.plot_components method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.

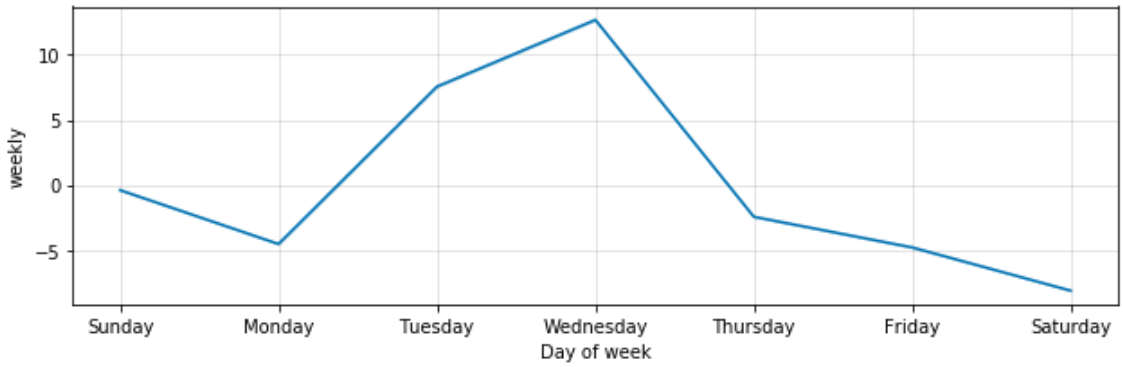


TensorFlow

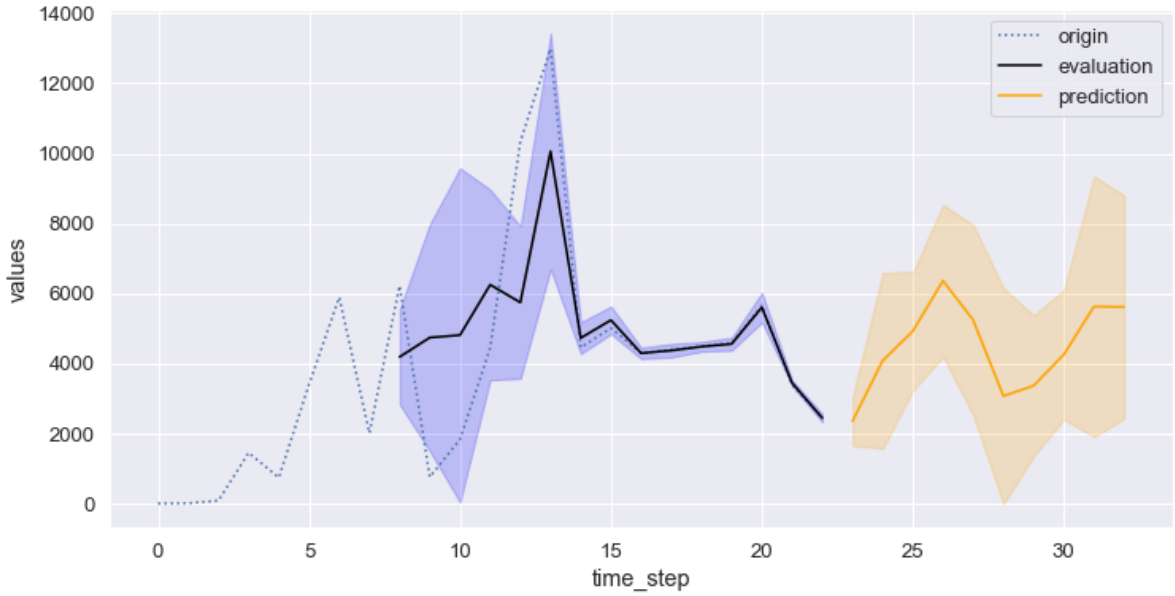
1. The day of the week maximum number of issues created



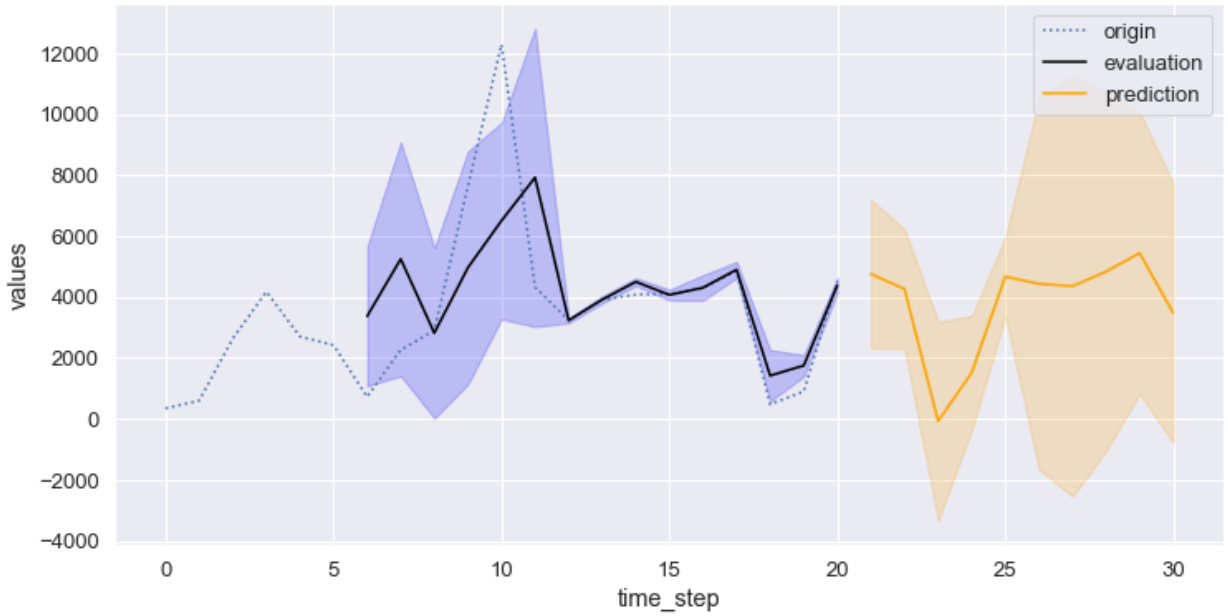
2. The day of the week maximum number of issues closed



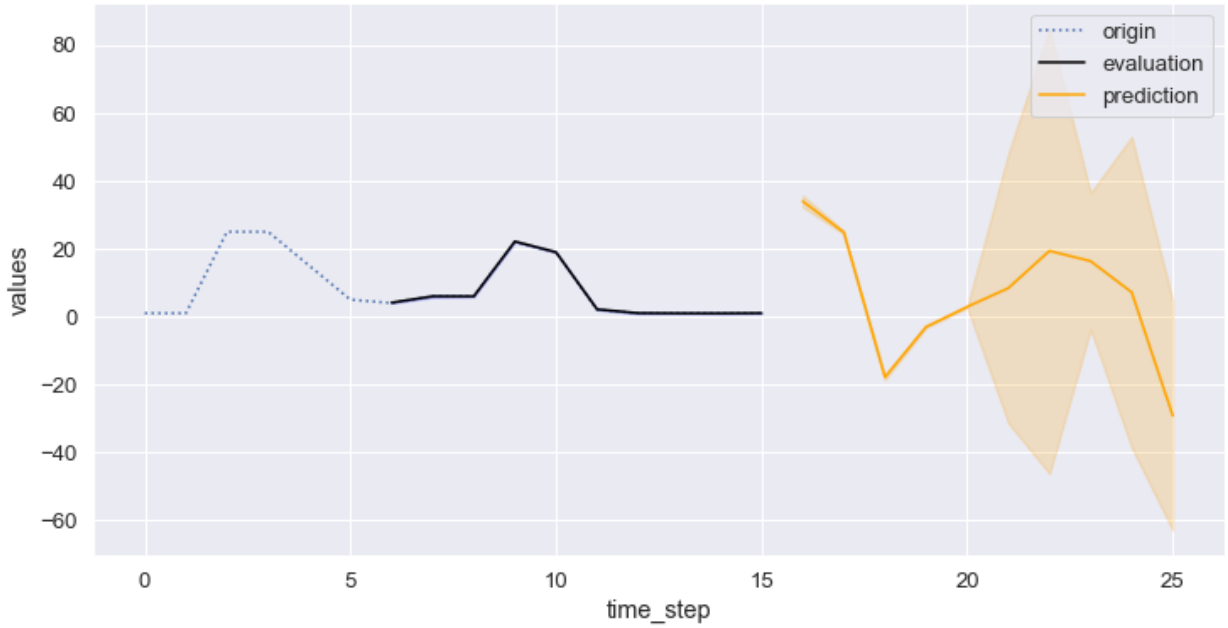
3. Plot the created issues forecast by calling the passing in your forecast dataframe.



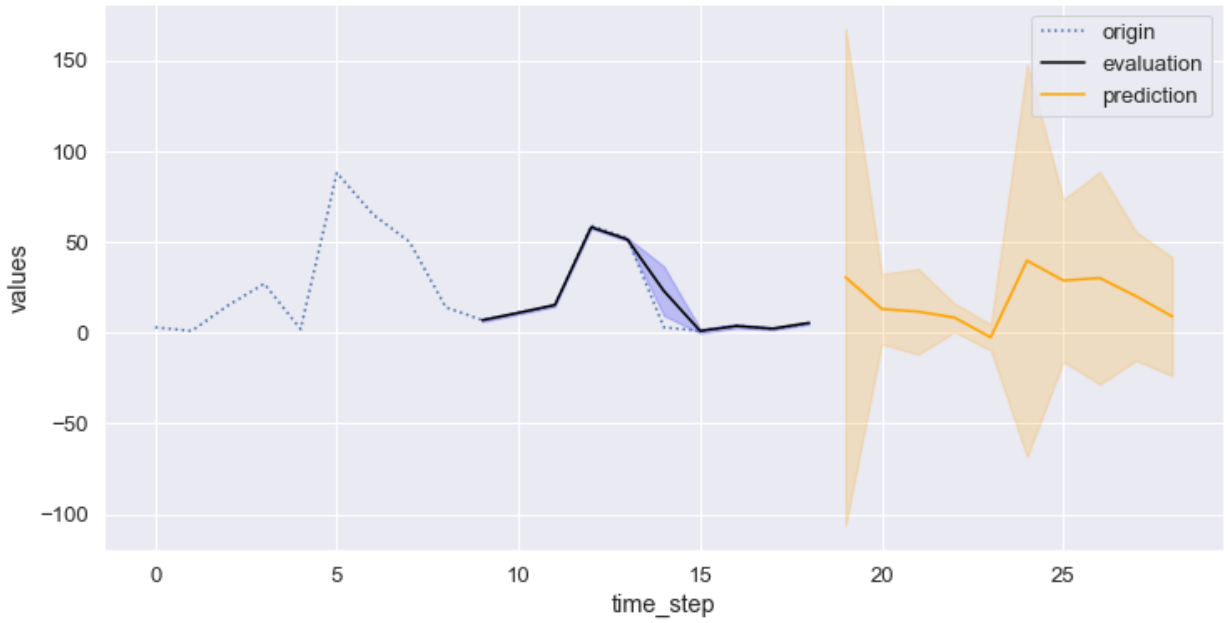
4. Plot the closed issues forecast; use the Prophet.plot_components method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.



5. Plot the pulls forecast; use the Prophet.plot_components method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.

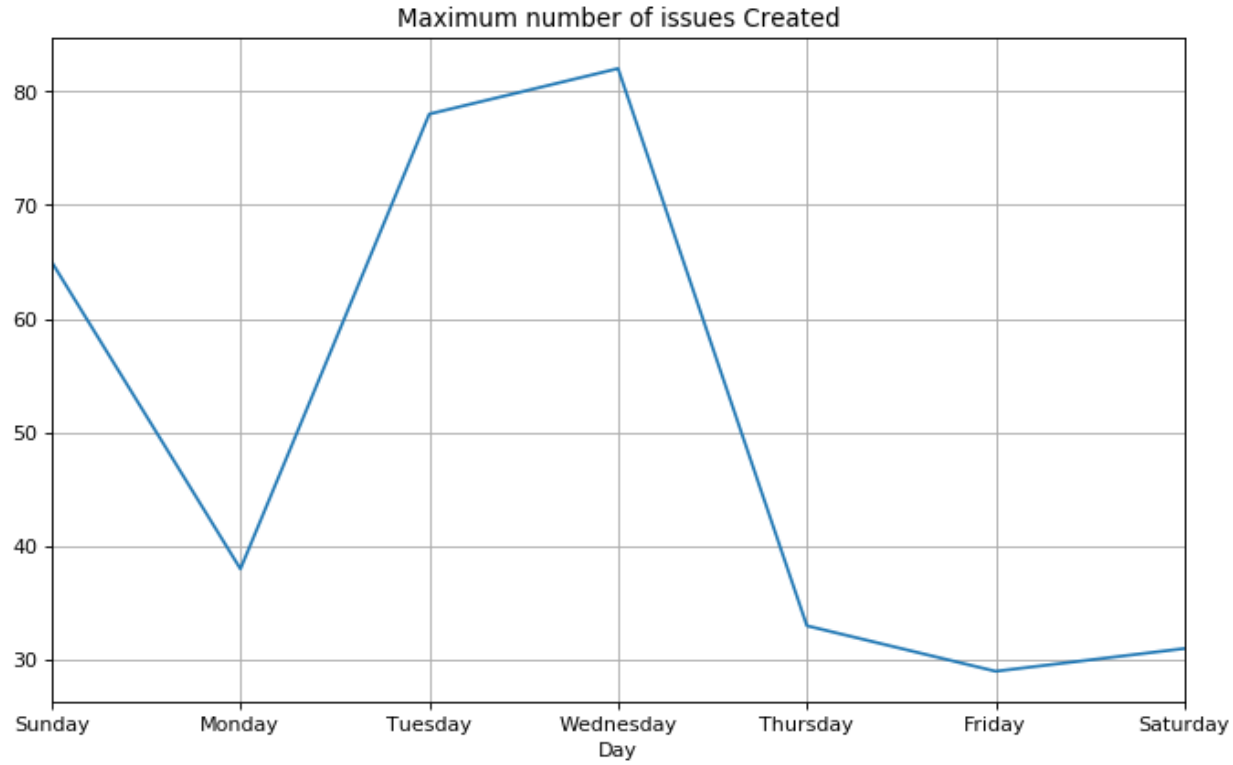


6. Plot the commits forecast; By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.

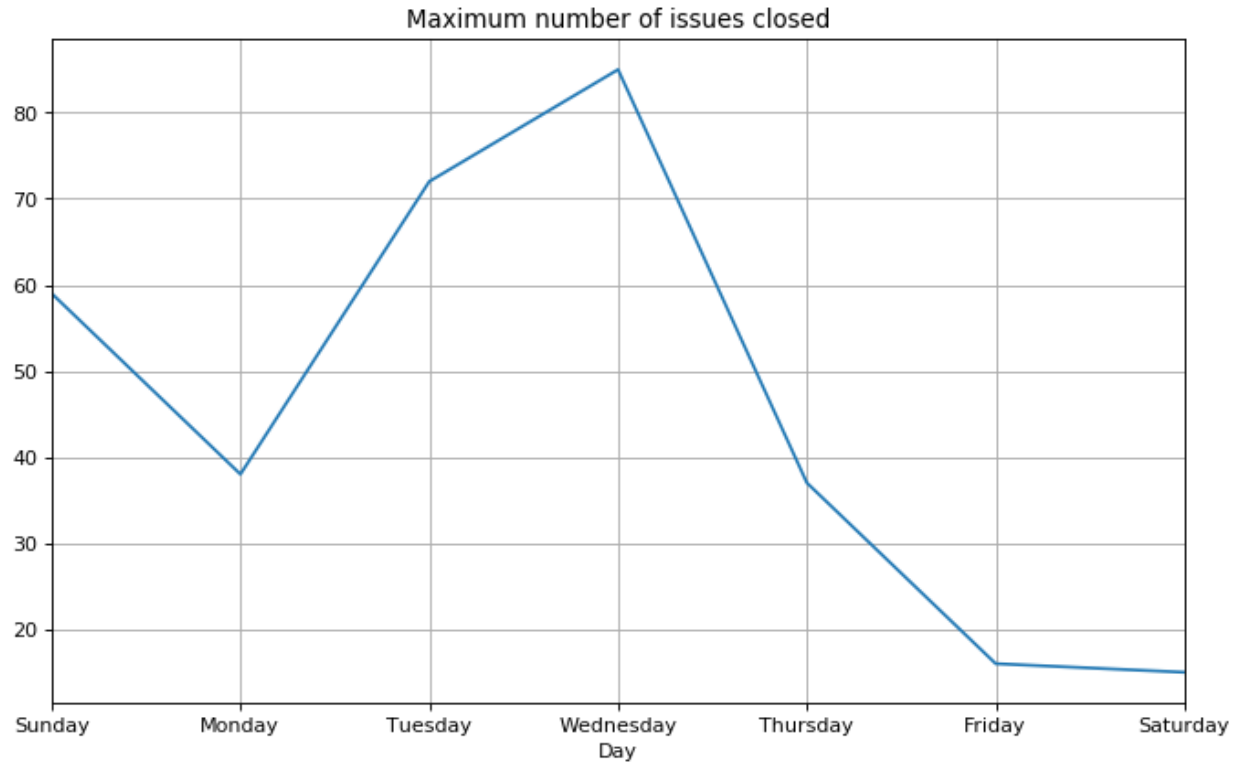


Stats Model

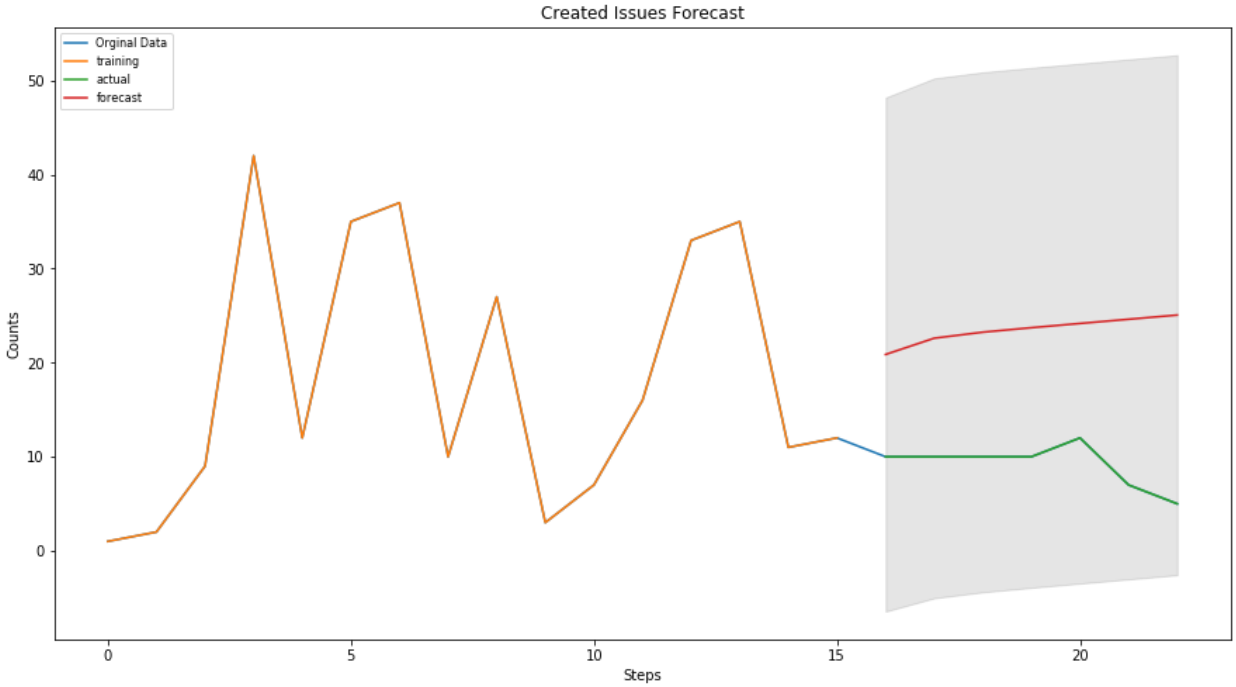
1. The day of the week maximum number of issues created



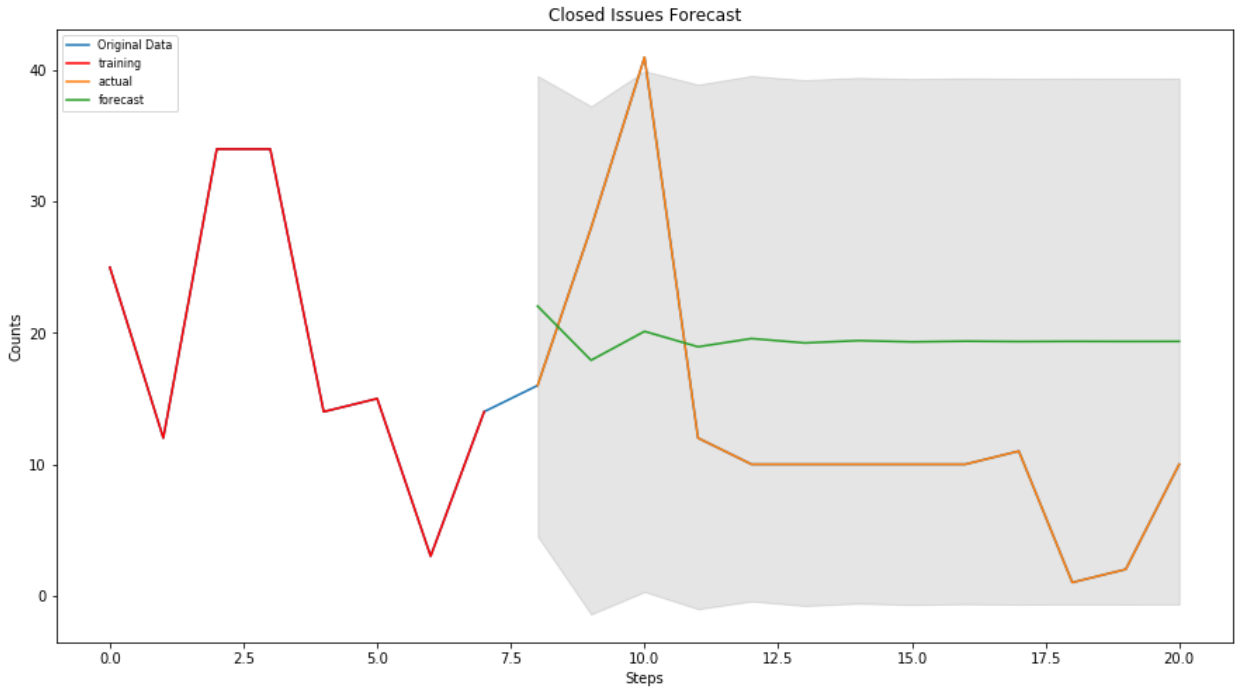
2. The day of the week maximum number of issues closed



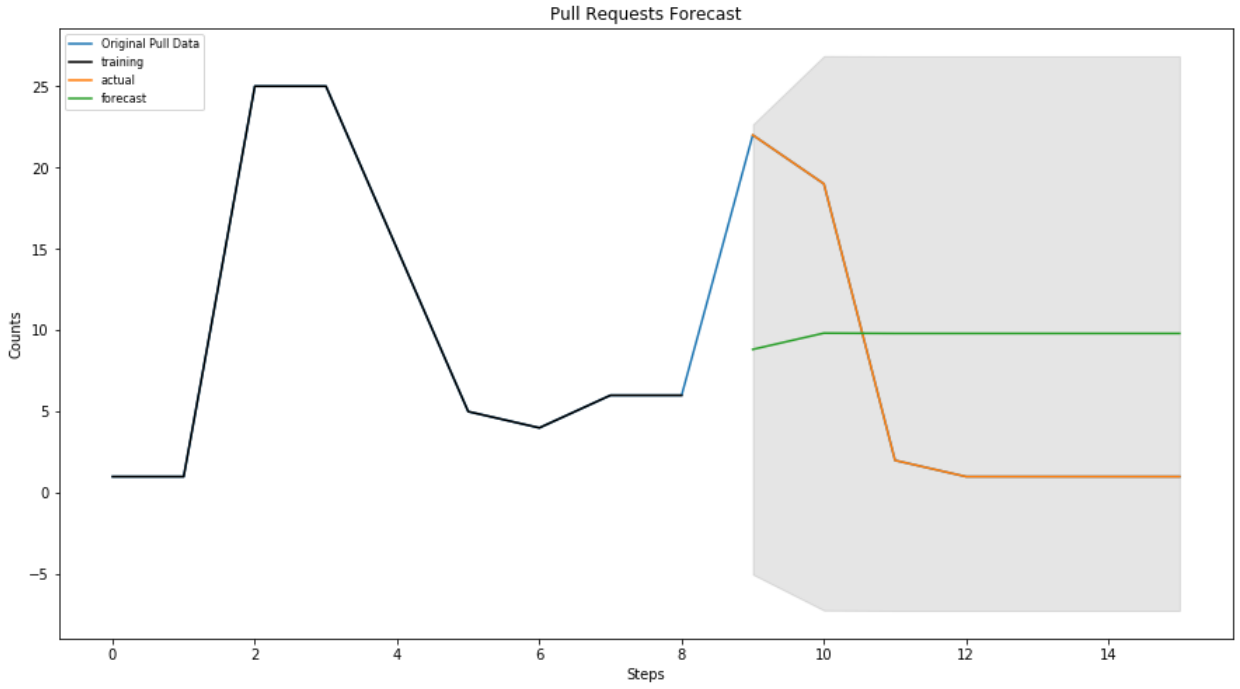
3. Plot the created issues forecast by calling the passing in your forecast dataframe.



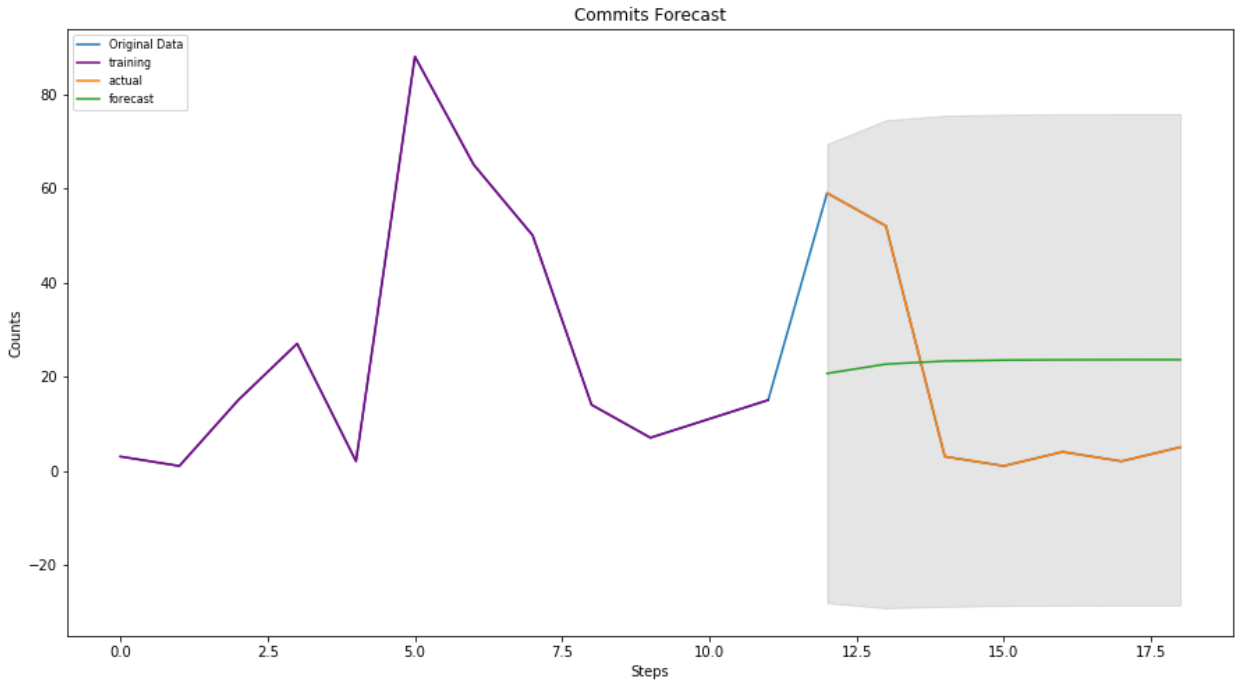
4. Plot the closed issues forecast; use the method. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.



5. Plot the pulls forecast;. By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.



6. Plot the commits forecast; By default you'll see the trend, yearly seasonality, and weekly seasonality of the time series. If you include holidays, you'll see those here, too.



References:

- https://developer.github.com/v3/repos/#list-contributors
- https://developer.github.com/v3/repos/statistics/
- https://developer.github.com/v3/repos/commits/#list-commits-on-a-repository
- https://stackoverflow.com/questions/32727538/python-convert-date-from-string-to-number
- http://www.gilgalad.co.uk/post/tf-timeseries-i/
- https://www.datacamp.com/community/tutorials/matplotlib-tutorial-python
- https://facebook.github.io/prophet/docs/non-daily_data.html
- https://medium.com/@josemarcialportilla/using-python-and-auto-arima-to-forecast-seasonal-time-series-90877adff03c
- https://www.machinelearningplus.com/time-series/arima-model-time-series-forecasting-python/
- https://www.machinelearningplus.com/time-series/arima-model-time-series-forecasting-python/
- https://stackoverflow.com/questions/21254472/multiple-plot-in-one-figure-in-python
- https://codeday.me/bug/20190319/777437.html
- https://stackoverflow.com/questions/402504/how-to-determine-a-python-variables-type
- https://github.com/rohitgirdhar/ActionVLAD/issues/3
- https://stackoverflow.com/questions/36986223/github-api-how-do-i-plot-the-number-of-commits-to-a-repo
- https://github.com/jiegzhan/time-series-forecasting-rnn-tensorflow