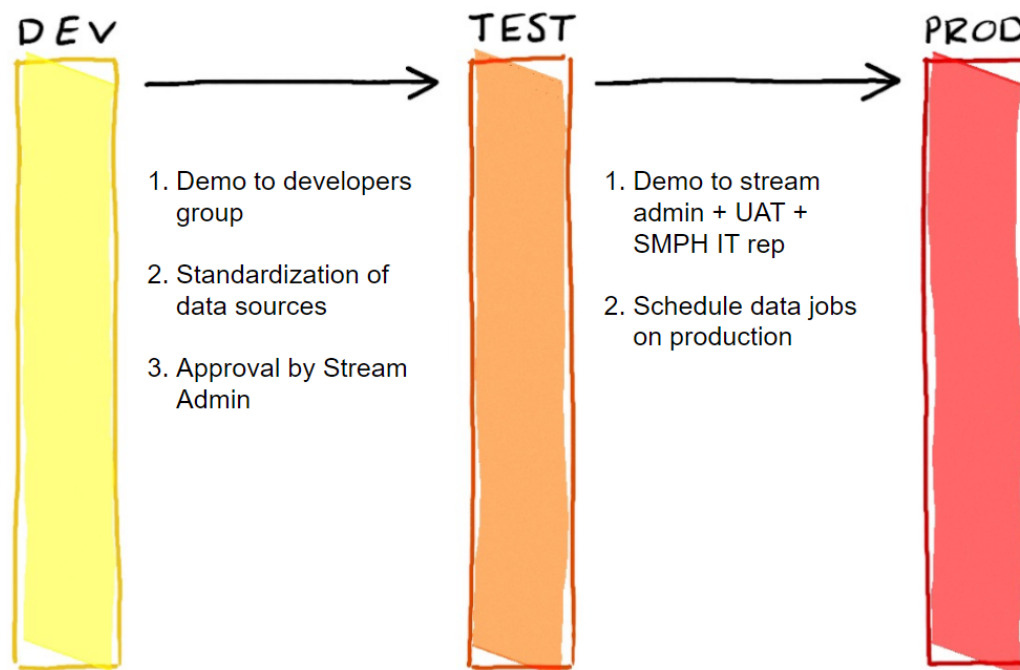# Qlik Apps From Start to Finish

<u>Environments</u>

We currently have three working Qlik environments – Development, Test, and Production. The process of creating Qlik dashboards (aka "Apps") will start in the Development environment. A developer will work with Analysts in the business area (e.g. Finance, HR, Facilities, etc.) to detemine what data needs to be gathered for the Qlik App. Once the data has been modelled and initial App has been created by the developer(s), it will be reviewed and tested for data accuracy by someone from the business area in the Test environment. In the test environment, content can be created for validation purposes and/or for moves to the production environment.

(Please see our Process to Get from Idea to Production document for more info on how this all works.)

DEV → TEST → PROD

1. Demo to developers group
2. Standardization of data sources
3. Approval by Stream Admin

1. Demo to stream admin + UAT + SMPH IT rep
2. Schedule data jobs on production

Once in production, certain users will also be able to create new content within Apps. To share their content, approved users will be allowed to publish that content within that App.
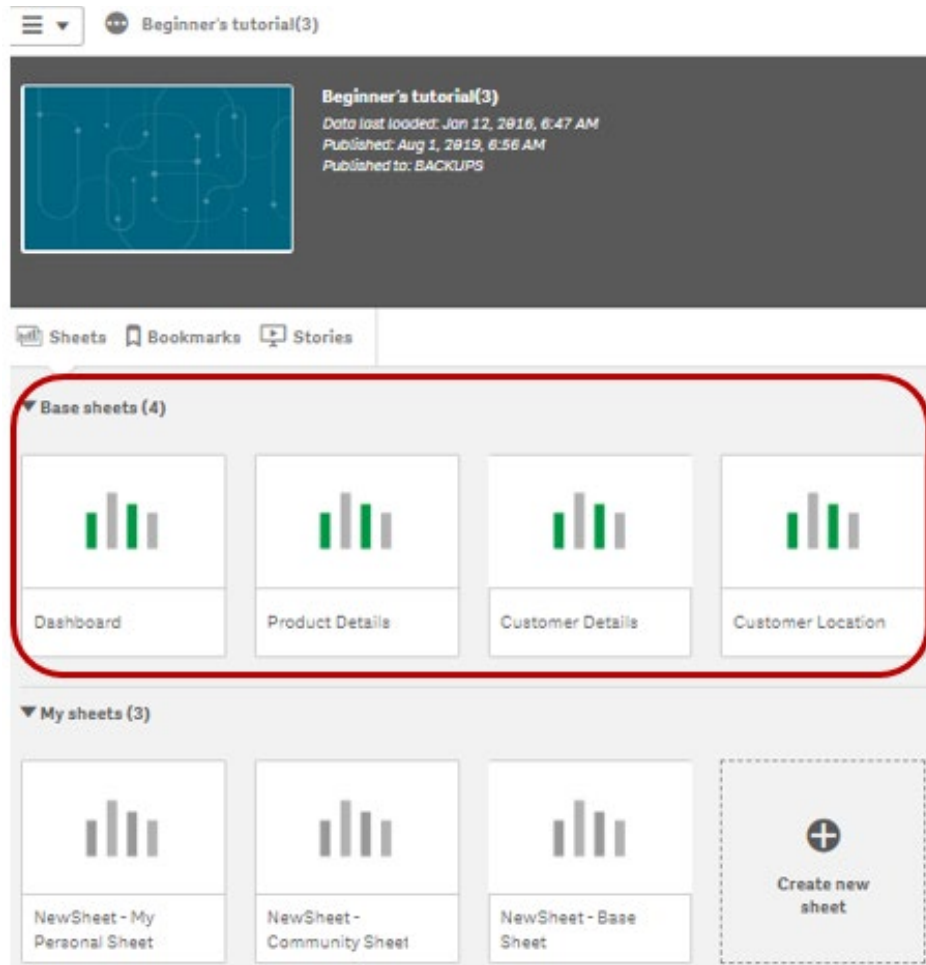
(Please see our Roles in UW SMPH Qlik document for descriptions of these users and their roles.)

<u>Working within the environments</u>
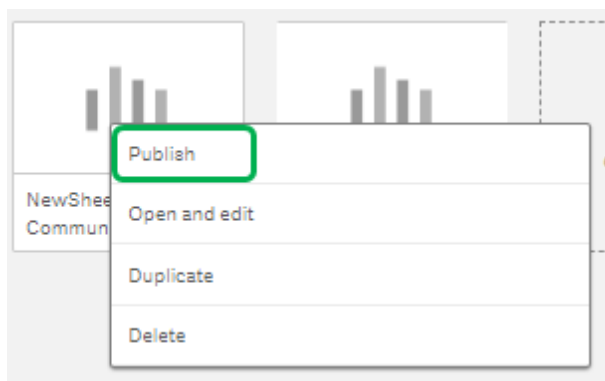
Qlik visualizations are composed primarily of "Apps" and "Sheets". An App is the container that loads in all of the data to be used for the reports/dashboards and holds together all of the Sheets. The Sheets are where all of the visualizations (graphs/charts) are stored. In the Development environment, Apps (and possibly some sheets) will be created by Developers. Once the initial app has been reviewed in the Test environment it can be moved into Production for everyday use. Once in production, sheets can be added or altered by approved personnel.

How the Production Environment will work

      Here's an example of how I can move content from my personal space to the community space so that I can share my content with others. If I open up an App, I will see the sheets contained within. When an App gets published, it may or may not contain what are called "Base sheets" which were created either during the Development or Test phase. If I want to create content, I can click on "Create new sheet" to make a new Sheet using the App.
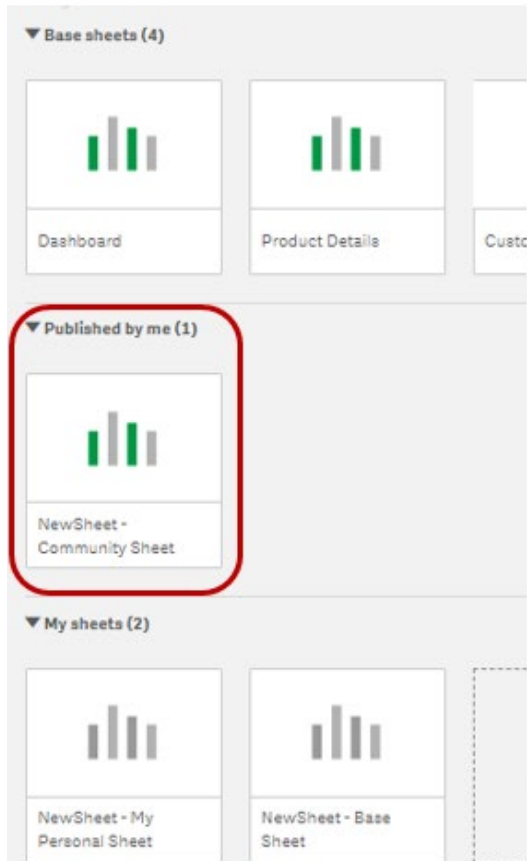

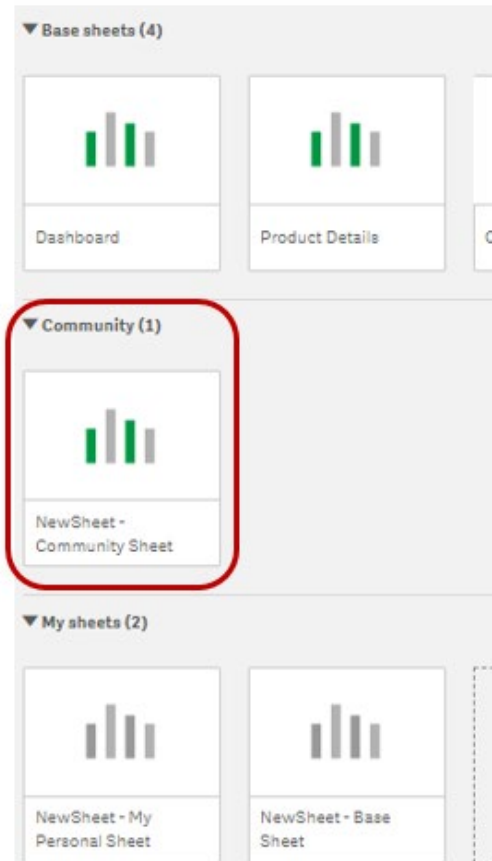To share my sheet, I simply right clik on the sheet that I want to share, and select Publish.

Once Published, the App will show up in the "Community" area.

To me it will look like this:

To others, it will look like this:

To ensure that the Sheet becomes a permanent part of the App, right click on the Sheet and select Approve. Once approved, the Sheet becomes a "Base Sheet". This is important because if if the App itself ever needs to be moved or changed (more data sources added), the Base Sheets will now travel with the App. (Non-approved sheets cannot be carried with the App across environments)