**ROI Technical Workflow**

**Current State**

1. ­Runs every month
2. Pull data and run models in SAS
3. SAS outputs results data to server directory in CSV format
4. Python consumes CSV data and presents data in the form of a dashboard
5. Data refreshes every month
6. CSV file must follow a specific structure with correct field names for Python to correctly consume the data

**Future State 1**

1. Runs in real time
2. Pull data and run models in Python (will need time to learn the stats packages in Python)
3. Python pushes results to dashboard
4. Results are generated in real time

**Future State 2**

1. Runs every month
2. Pull data and run models in Python (will need time to learn the stats packages in Python)
3. Python outputs results data to server directory in CSV format
4. Python consumes results data and presents data to dashboard
5. Data refreshes every month
6. CSV file must follow a specific structure with correct field names

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| **Date** | **Modifier** | **Description of Changes** |
| 2016-07-07 | Yang, Liquan | Initial version |