**Fusion custom report request**

I’d like to request a custom report (in Excel) for Facility Usage (sum) by Membership Type (student membership users only) to include ID# as an optional selectable criterion.

Pull data only from the following card readers:

1. Facility 1 entry
2. Facility 2 entry (if applicable)
3. (any other or old readers?)

Request is for one academic semester (i.e., fall 2016) for the following durations:

1. August 1, 2016-December 31, 2016

Each excel file should have the following columns; alternatively, you could ask for: Aug-Dec sum:

* Name 1
* Name 2
* Student ID
* Aug sum\*
* Sept sum\*
* Oct sum\*
* Nov sum\*
* Dec sum\*

**Note**: West Virginia University has requested the same data but longer duration (see code below). Based on this, it’s my understanding the custom report code below must be run month by month, so person running code must replace '2015-07-01' and '2015-08-01' with the appropriate dates between August 1, 201?-April 31, 201?, monthly for the academic semesters/years requested above.

**Other notes:**

* Don’t need gender (code below has gender)
* Make sure to specify all entry card reader names (code below only uses one facility access)
* WVU code is meant only as reference. There may be a better way to do this custom request at this date.

**WVU Fusion custom report request**

I’d like to request a custom report (in Excel) for Facility Usage (sum) by Membership Type (student membership users only) to include ID# as an optional selectable criterion.It’s my understanding, it must be run month by month, so replacing '2015-07-01' and '2015-08-01' with the appropriate dates between August 1, 2017-April 31, 2018.

Here’s the code WVU used:

DECLARE
 @START\_DATE      DATETIME = '2015-07-01',
 @END\_DATE      DATETIME = '2015-08-01'

SELECT
      PST.FIRST\_NAME AS 'First Name',
      PST.LAST\_NAME AS 'Last Name',
      FAEH.EXTERNAL\_ID\_NUMBERS AS 'External ID Numbers',
    CASE PST.GENDER\_CV
    WHEN '00000000-0000-0000-0000-000000003024' THEN 'Female'
    WHEN '00000000-0000-0000-0000-000000003023' THEN 'Male'
      ELSE 'Undetermined'
      END as Gender,
 COUNT(FAEH.Person\_id) as [Access Count]
  FROM [dbo].T\_FACILITY\_ACCESS\_EVENT\_HISTORY FAEH WITH (NOLOCK)
  LEFT JOIN T\_PARTY\_SEARCH\_TEXT pst on pst.ID = FAEH.PERSON\_ID
  WHERE MEMBERSHIP\_ID = '895CD8DF-8E89-4995-82DC-65AAF16B1CF6'
  AND FAEH.CREATION\_TIMESTAMP BETWEEN @START\_DATE AND @END\_DATE
  AND FAEH.PERSON\_ID IS NOT NULL    -- Actual person
  AND FAEH.ACCESS\_GRANTED = 1  -- Valid access
  AND FAEH.HARDWARE\_DEVICE\_ID IS NOT NULL
  AND FAEH.FACILITY\_ID = 'B8FE7C81-9B85-4631-88BE-177AAE908546'
  GROUP BY PST.FIRST\_NAME, PST.LAST\_NAME, FAEH.EXTERNAL\_ID\_NUMBERS, PST.GENDER\_CV, FAEH.PERSON\_ID--OneMonth.Number
  ORDER BY PST.LAST\_NAME, PST.FIRST\_NAME