The budget split table csd.budg\_splt records where the funding is coming from for a grant award. They are created from a proposal before an award is made.

Selected field of csd.budg\_splt:

prop\_idproposal id like ‘1234567’  
budg\_yr year the money comes from like 2017

splt\_id some proposals are funded from several sources, like ‘01’  
org\_code organization or division within NSF that the money comes from

pgm\_ele\_code pot of money within the division eg ‘7796’  
budg\_splt\_tot\_dol dollar amount for this split (integer)

awd\_id award id (null if the award hasn’t been created yet.)

amd\_id amendment id, if award has been amended.

pm\_ibm\_logn\_id program director managing the award like ‘jsnoeyi’

last\_updt\_user, last\_updt\_tmsp who last edited this particular split and when  
(a bunch more fields break down the budget into categories. )

Using either Microsoft query or DBI SQL, create queries to do the following:

1. List all the splits from this year (2017) that have been set up for the AF program, 7796.   
   SELECT \* WHERE is the easy way to start.
2. Total the split amounts from 1.
3. Compare with the total from last year, 2016.
4. Total the 2017 splits that have been awarded already and the total not yet awarded, and check that the sum matches #2.
5. We’d like some proposal titles to connect these splits to their proposals. Let’s start with titles, which are in the csd.prop. To figure out what fields are possible, run SELECT TOP 10 \* FROM csd.prop\_id and guess which field is the title and which field you should join with the budg\_splt table.
6. We’d also like investigator (PI) names SELECT TOP 10 \* FROM csd.pi\_vw will not work, however, because there is a protected ssn field. Figure out how to select the top 10 first and last names in the table, and what field links the prop table to the pi\_vw table.
7. Repeat 1, but now start with the prop\_id, pi last & first names, and program announcement id (pgm\_annc\_id) for each split.
8. I think the splits include 3 PI transfers (Moshkovitz, Rademacher, and Williams). Can you figure out how you could identify those? Here is a piece of the notification I got for Williams from DGA (the Division of Grants and Agreements) - AWARD NOTICE

AWARD DATE: May 30, 2017

ORIGINAL GRANT NUMBER (FAIN): 1528078

START DATE OF TRANSFER: January 20, 2017 (becomes start date of transferred award)

REVISED END DATE OF GRANT: June 30, 2017

1. Original Grant Amount (including amendments actually awarded, if any) $299,987

2. Total estimated disbursements and unpaid obligations (at start date of transfer) $80,959

3. Estimated unobligated balance (amount to be transferred) Net $219,028

1. Now, think of another way to do the same thing (if you used budg\_splt, can you use prop, or vice versa?).