The Cost of Higher Education

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MSET EDTC 633

Goals

- Employees will learn advanced Excel functionality
- Employees will share with Financial Aid the results
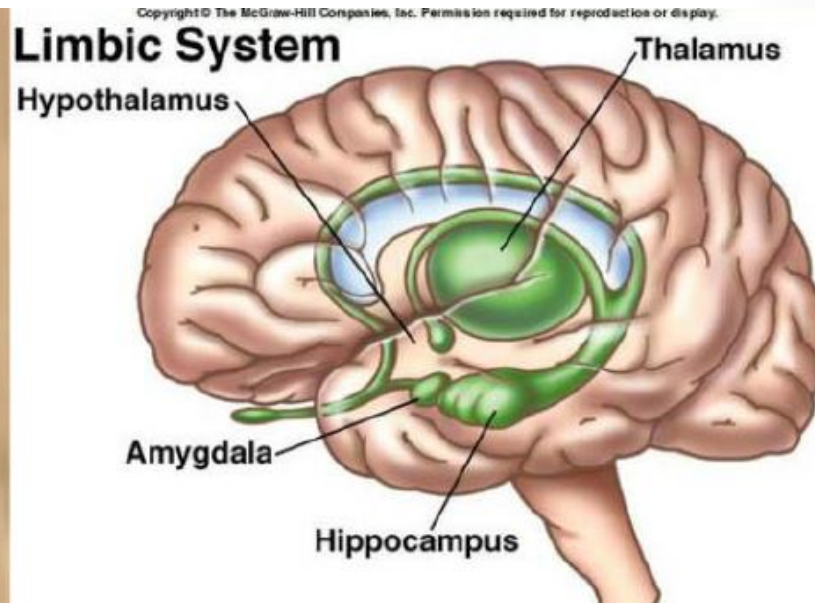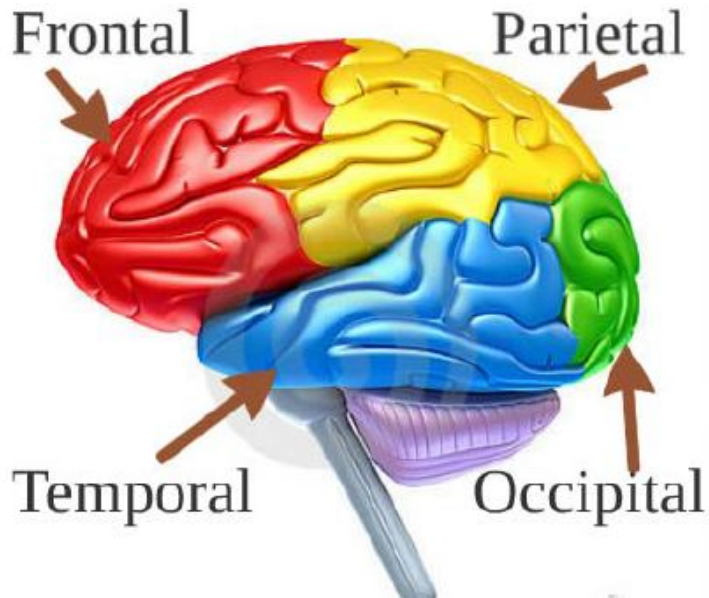- College will understand the financial impact of Refunds

Evaluation Process

- Data is extracted
- Data is sorted
- Data is formatted
- Subtotals/Max/Min/Average are created
- Graphical Representation of data

Brainy Bits

Elements of this lesson will stimulate various parts of the brain.
- Frontal Lobe – reasoning and planning.
- Hippocampus – meaning to the lesson. It is relevant to the employee.
(The Hippocampus will compare information to stored experiences to create meaning.)

Get Data

TGIACCD

:A on Detail Code
and
:T on Term Code

SQL
:A IN ('RDEP', 'RFND', 'RMAN', 'RPPL')
and
:T IN ('201440'. '201520', '201540')
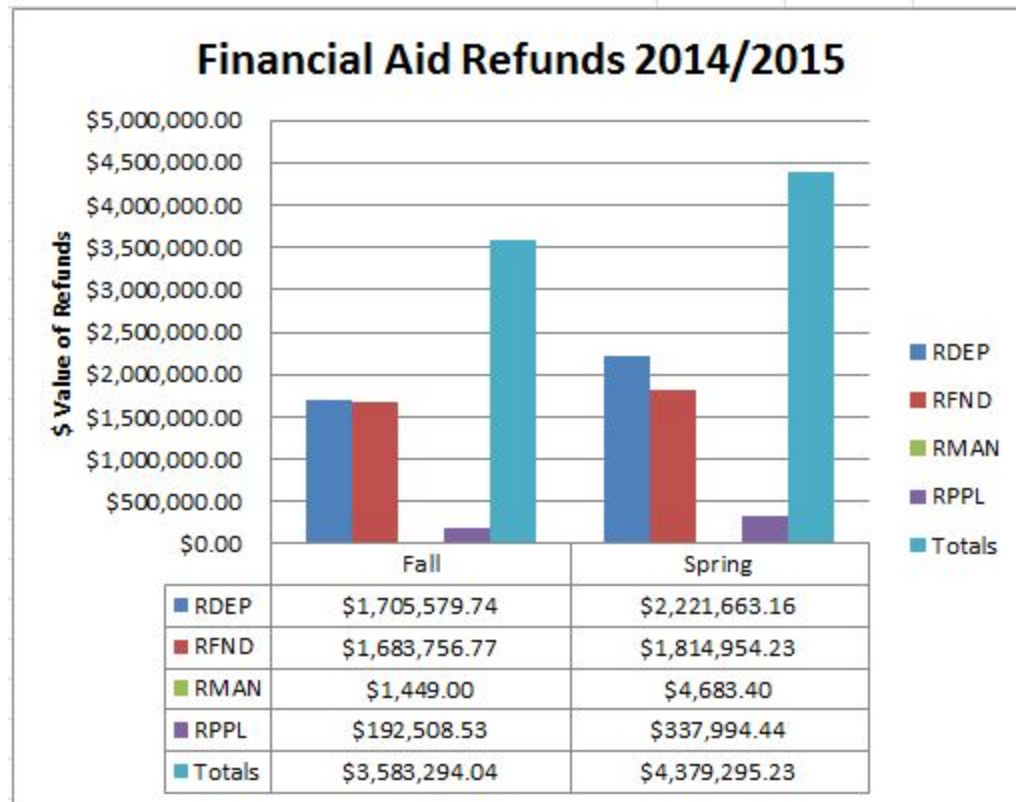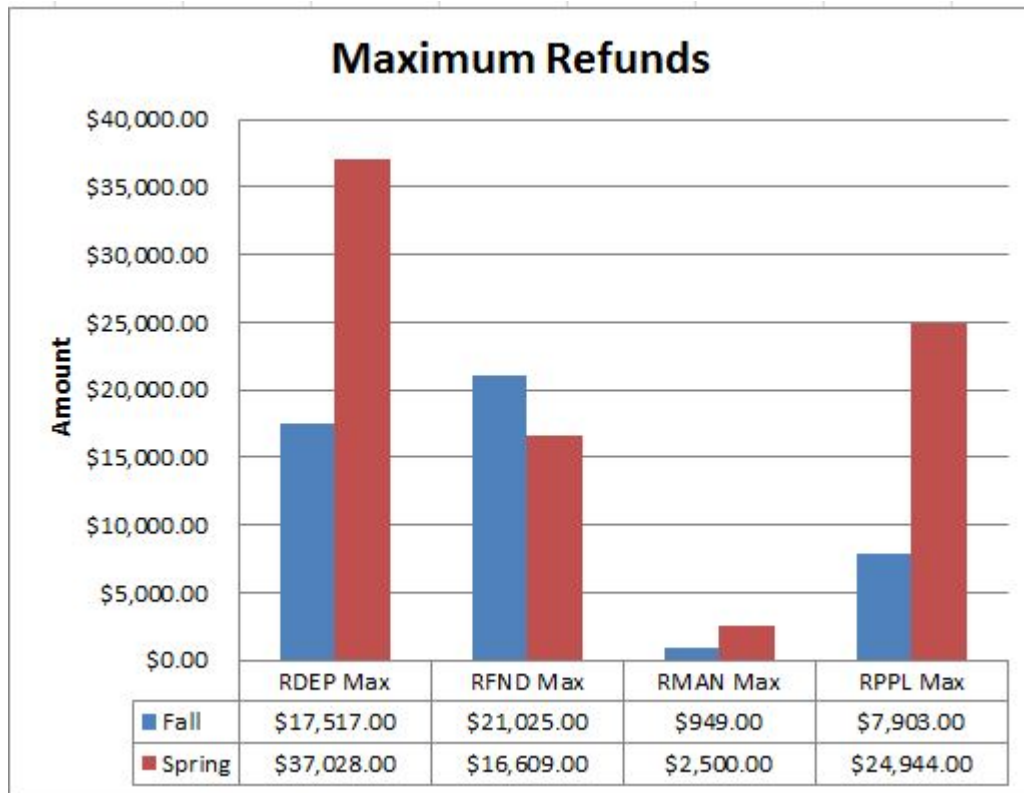
Extract data to Excel

Excel

- Sort by Term
- Sort by Detail Code
- Format Data
  - Expand Columns
  - Add Comma & Decimal to money fields
- Eliminate unnecessary fields
- Cut each Term to its own worksheet
- Copy headings to each worksheet
- Count students for each refund type
- Subtotal by refund type
- Calculate Max, Min & Average for each refund type
- Conditionally format making refunds over $10K blue
- Create summary worksheets and use data across worksheets
- Create Charts
- Update Header & Footers

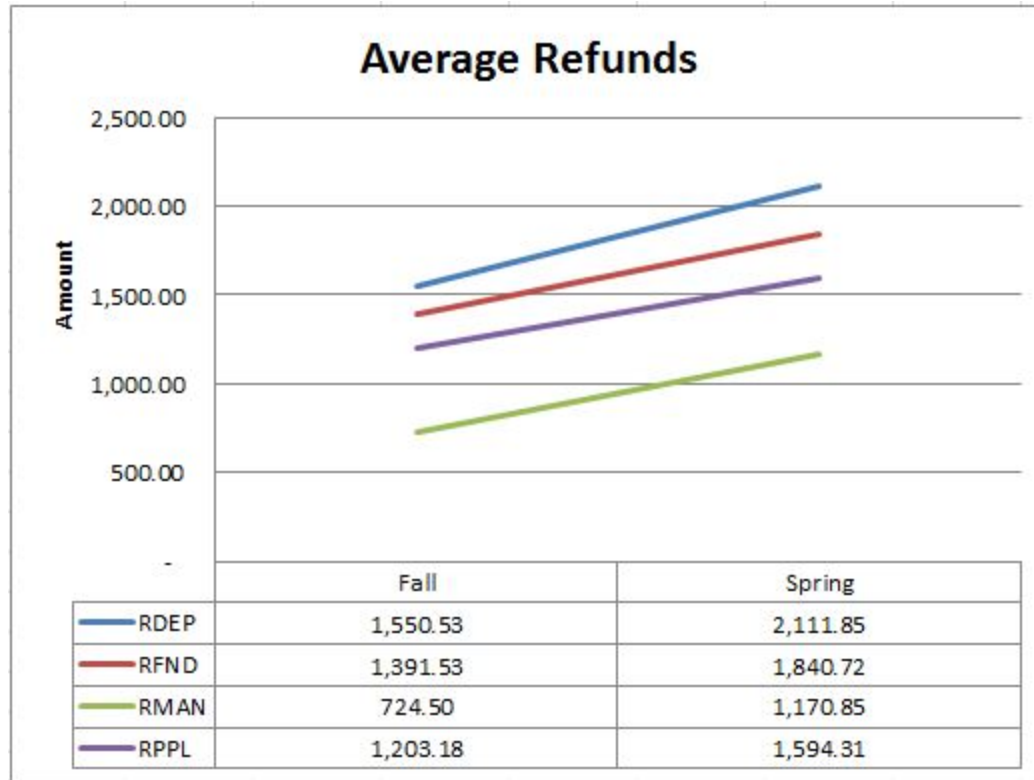| RDEP | Student Refunds-Direct Deposit | 2,161.00 | 201440 | 8-Dec-14 |
| RDEP | Student Refunds-Direct Deposit | 2,907.00 | 201440 | 27-Oct-14 |
| RDEP | Student Refunds-Direct Deposit | 12,514.29 | 201440 | 16-Sep-14 |

Graphs

Financial Aid Refunds 2014/2015

	Fall	Spring
RDEP	$1,705,579.74	$2,221,663.16
RFND	$1,683,756.77	$1,814,954.23
RMAN	$1,449.00	$4,683.40
RPPL	$192,508.53	$337,994.44
Totals	$3,583,294.04	$4,379,295.23

Graphs

Maximum Refunds

	RDEP Max	RFND Max	RMAN Max	RPPL Max
Fall	$17,517.00	$21,025.00	$949.00	$7,903.00
Spring	$37,028.00	$16,609.00	$2,500.00	$24,944.00

Graphs

Average Refunds

	Fall	Spring
RDEP	1,550.53	2,111.85
RFND	1,391.53	1,840.72
RMAN	724.50	1,170.85
RPPL	1,203.18	1,594.31

Formatting

Citations

Bibliographic Reference:

Gregorc, A. (1985). *Gregorc style delineator: A self-assessment instrument for adults*. Columbia, Conn.: Gregorc Assoc.

Sousa, D. (2012). *How the brain learns* (4th ed.). Thousand Oaks, Calif.: Corwin Press.

Graphical Reference:

Brain lobes - http://www.dreamstime.com/photos-images/brain-central-lobes.html

Limbic system - http://www.dreamstime.com/photos-images/limbic-system.html