Excel day 1

Crt + Home- first cell

Crt+ end – end cell

Range- highlight multiple cells =f6:h21

Formulas start with “=”

Ex: =343/2

SUM

Column:

=SUM(A:A)

Specifics:

=SUM(A1:A9)

Types of data: Under “Home”

-Gen, number, txt(letters and unique ids that are numbers), date, percentage, accounting, currency

Using formulas with cells- make sure you have the type of data set with values.

-drag that cell down to do it with other rows

-CTRL+D = Autofill from the bottom

-Total cost with tax =cell\*1.2

Lock- $X$cellnumber: $H$2- can do this with different sheets.

* Locking a cell shortcut = F4

Filter: crt shift L

-make sure the first row (all columns) is selected.

Sort: Highlight area you want to sort, sort and filter, custom sort.

CSV- Comma sep values- Data

-data separated by other stuff like ,

-high light column, data dab, txt to column, Delimited, tell is what its sep by, check example, finish.

Removing duplicates-

-high light all data, data tab, remove dup, tell it which column with duplicates, done,

Conditional formatting- Home

* Select column, conditional formatting, add rule.

Find and replace- home

* Highlight column, home, Find and replace (Crt F), Replace, add change.

Graphs

Insert chart- highlight data, insert, pick chart, add labes etc.

-highlight and alt f1 will put default chart.

Adjusting- click on chart, press + button on right side.

-side panel will change format, axis etc. basically click on elements you want to change and use side bar or right click.

Adding series- (more column data)- click on chart and expand the highlighted area on table.

Combo charts- right click on series or chart, change series chart type, combo, and pick type.

-make sure you have everything labeled with legend.

pi chart – select data and select pi chart -format with format tab chart vs spec point

Column chart- HL data, column chart. Make sure data type is right with format or data tab

Line chart-

Kaggle- websites with real data

-CSV. – can only save txt info.

- after moding, save as workbook

1. Use the McDonalds Data or any other data set on Kaggle - up to you
2. Build **at least**3 graphs
3. 1 Bar Chart
4. 1 Pie Chart
5. 1 Combination Chart ( Bar / Line etc..)

Key things in the Fields:

VLook up- look up a specific value in a row via the first column

=Vlookup(lookupvalue,table array(alwayslocked), colmindex number, (range look up)

* Range True or False. False=exact match. True is never rarely used

=Vlookup(ColoumA,\*highlight chart and lock\*,number of row over, False)

IF functions- Logical Function. Evaluate function, if true give me this if false, give me this

-If (logical text) value if true, values if false

=IF(cell >number, “pass”, “Fail”)

Pivot tables- “Summary reporting”

-Highlight table, insert, pivot table, and use the side panel to create PT;

Bringing in info from 2 dif cells-=C1& “ “C2