

**Applied Excel (STA432)**

Summary Report

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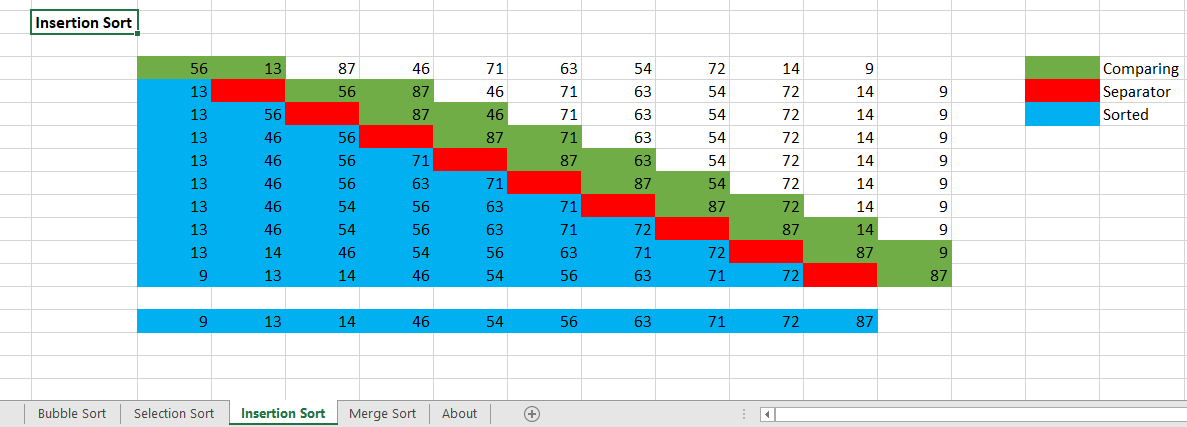
Class: 4CMS

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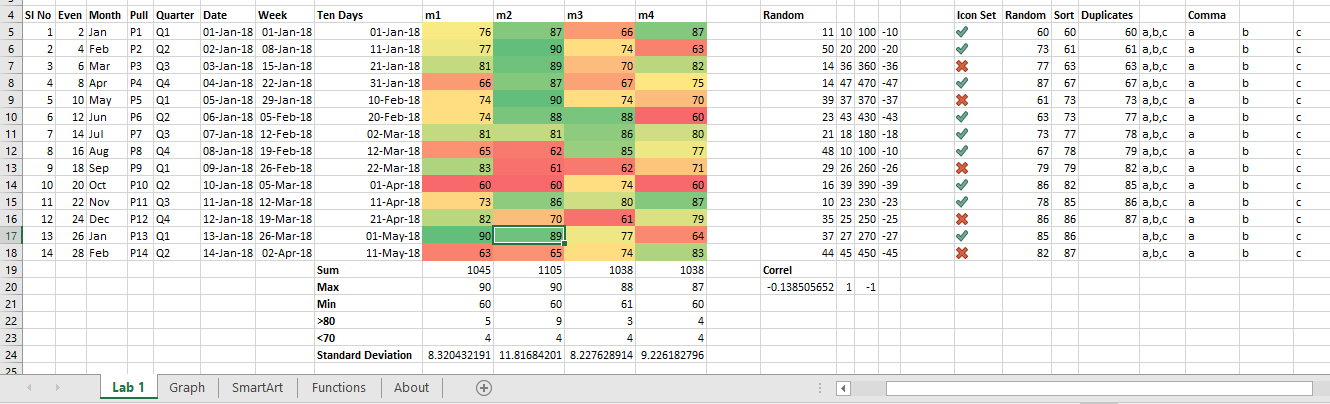
**SORTING** [Sorting\_56]

This sheet was given to us for homework. I had done sorting techniques such as Bubble sort, selection sort, insertion sort and merge sort.



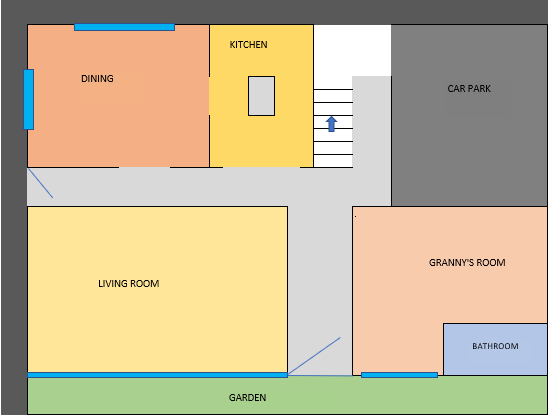
**BASIC LAB** [BasicLab\_56]

This workbook was created on 20th November, 2018. One of the 1st few workbooks that we have made in class. Other sheets: SmartArt, Graph, Functions.

I have used functions like text to columns, date, month, day, conditional formatting and more. The workbook contains 5 sheets.

**HOUSE DESIGN** [HouseDesign-4,43,56]

The house design excel sheet was created on 28th November, 2018.

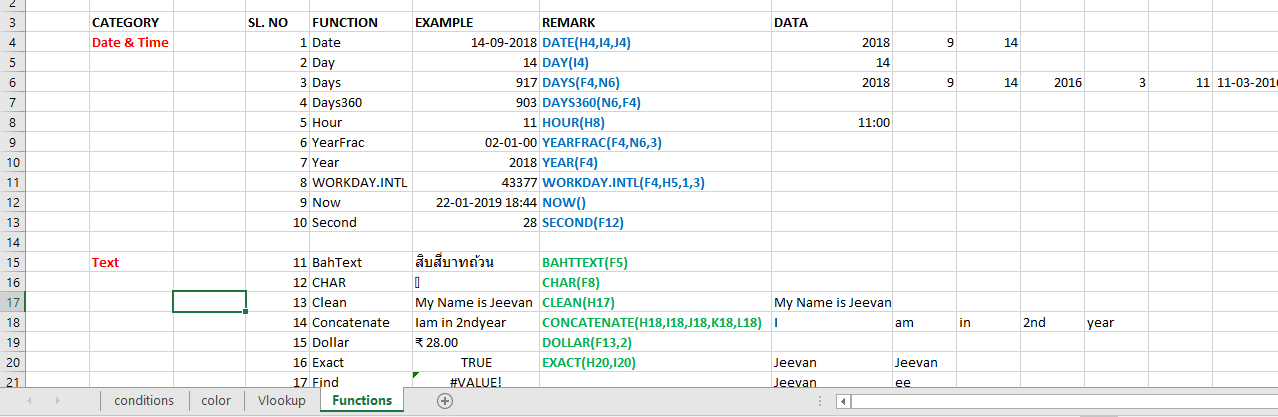


There were actually 2 floors that we made. The above screenshot is the ground floor that we designed using Excel.

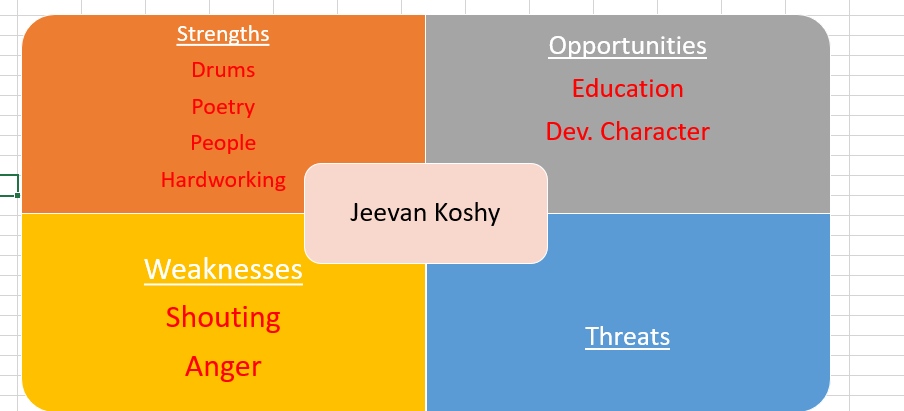
**FUNCTIONS** [Functions\_56]

The functions worksheet was created on 4th December, 2018. This sheet was mainly to explore all the functions in excel such as the text functions, data & time, mathematical etc.

There were around 30 functions which I had used in this workbook.



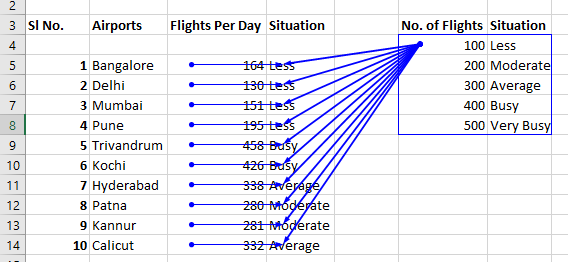
**Table of Contents** [TOC\_Jeevan Koshy]



This sheet was created on 5th December, 2018. There is a happiness graph showing the happiness level over the years and a TOC sheet with a summary of all the sheets done in excel.

**LOOKUP** [LookUp\_56]

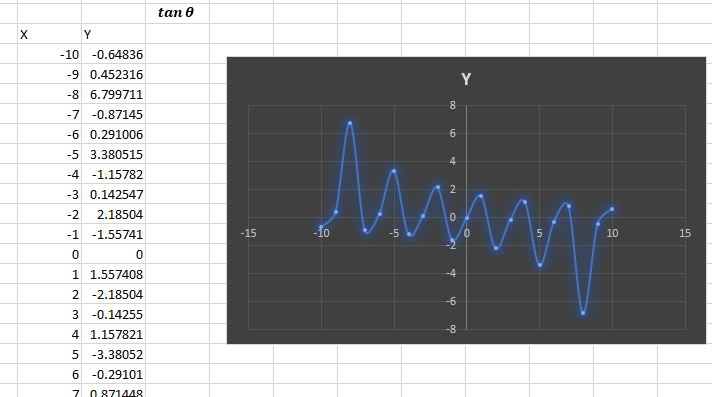
This sheet was created on 12th ‎December ‎2018. Using the formula of VLOOKUP, we learnt how values can be accessed from another table and put in a new table.



The blue lines traces the dependence of the values from the table used to lookup.

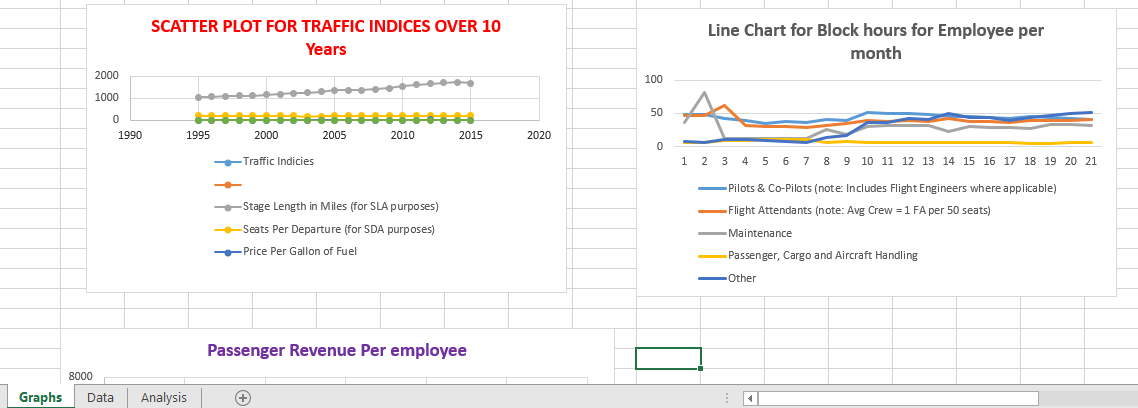
**Thinking** [Thinking\_56]

Sheet created on 18th December 2019. Contains a few graphs based on input values for different functions.

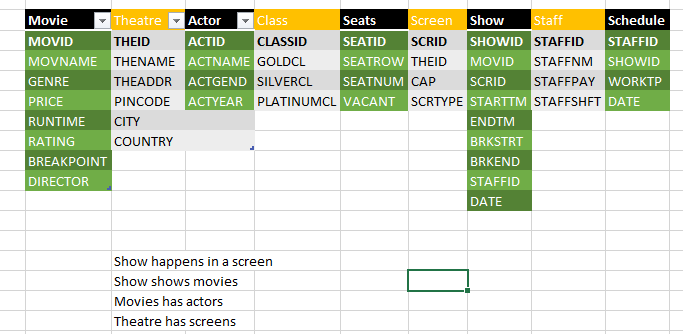


**Homework Assignment 1** [Analysis\_56]

This sheet was created on 1st January, 2019. It was a homework assignment where we had had to analyse any data of our choice in Excel. This was the first sheet created in the new year, 2019.



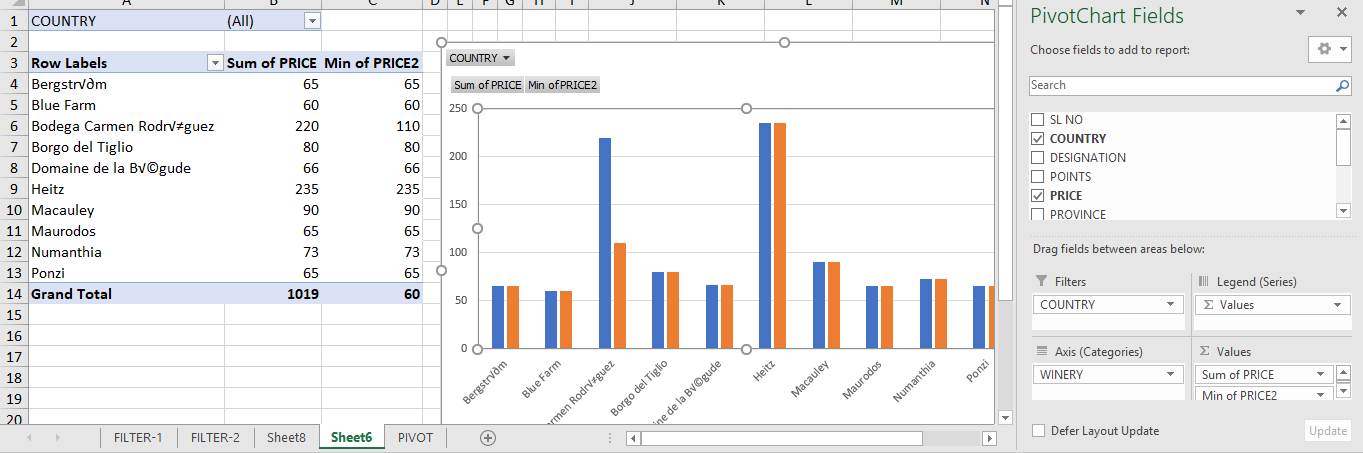
**DATABASE DESIGN** [DBDesign\_56]



This sheet was created on 9th ‎January ‎2019. Some values are dependent on each other while creating a database. One should know everything related to each field before implementing a database on that topic because of the number of factors that go in creating it.

**FILTER** [Filter\_56]

This sheet was created on 31st ‎January ‎2019. I had used functions like sort & filter, pivot table.



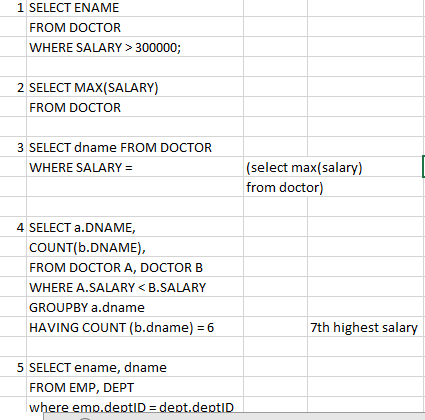
**Gantt Chart** [GanttChart\_56]

This sheet was created on 26th ‎February ‎2019. It was made to predict the time to start making a sambhar given a deadline of 6:00pm. I included the amount of time making each ingredient would take and putting all that together – the sambhar would be ready by 6:00pm.



**SQL** [SQL\_56]

A sheet with a bunch of queries. Sheet Created on 27th February, 2019.



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