Project Journal

**25/01/19**

Trouble connecting Azure SQL database to Web App.

Error - Call to undefined function sqlsrv\_connect()

Switched to Azure for MySQL

Connection Successful

Register Users Function – Pass

Passwords encrypted using md5

Login User – Pass

Created User Authentication -> Can’t access services unless logged on

Users can log out

**27/01/19**

Created Services Page

Populated Services Table with Data

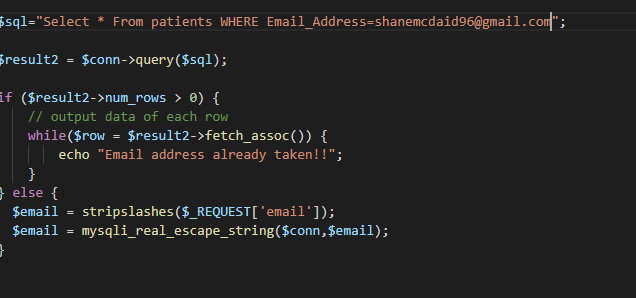
Query Data from Services Table to Services Page

Created $\_SESSION variable that displays user’s first name when logged in

**28/01/19**

Authenication Issue – Unique Email Validation

Errror - Trying to get property of non-object



Corrected Issue

Fixed issue – passwords must match in order to register

Fixed Issue – passwords must be at least 8 character minimum and include at least one lowercase, uppercase and special character

**30/01/19**

Looked at Syncfunsion JavaScript APIs for appointment scheduling

<https://ej2.syncfusion.com/home/>

APIs won’t work on app as I am using PHP for my backend. However, I can create a scheduler with an Angular Frontend which I may look into more

<https://code.daypilot.org/tutorials/php>

**01/02/19**

Started layout design for booking page

Still need to figure out the double-booking situation.

Need to research more information on how I can create a date/time calendar that only includes free dates.

**04/02/19**

Finished layout design for booking page

Added a dropdown with a function that displays half hour intervals between 9am and 5pm.

Added a jquery daypicker function to booking page. Calender is set where you cannot select Saturday or Sunday and you can’t book before current date or more than two months in the future.

Booking Function working but still has issues such as double booking

**05/02/19**



Error – Getting ID of Service when booking an appointment.

Fixed Issue – Syntax Error for Service ID

Fixed Issue – retrieving Dentist ID from POST form.

Double booking still an issue.

**06/02/19**

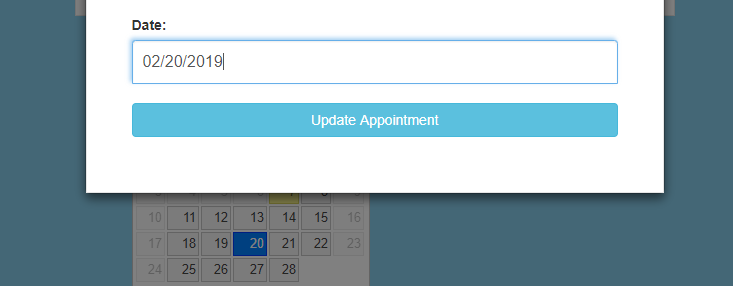
Fixed Double Booking issue

**07/02/19**

Created view bookings page

Users can delete appointments

Issue with edit button – Bootstrap Modal (Can’t get App ID and datepicker displays behind)





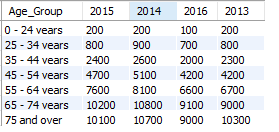
**11/02/19**

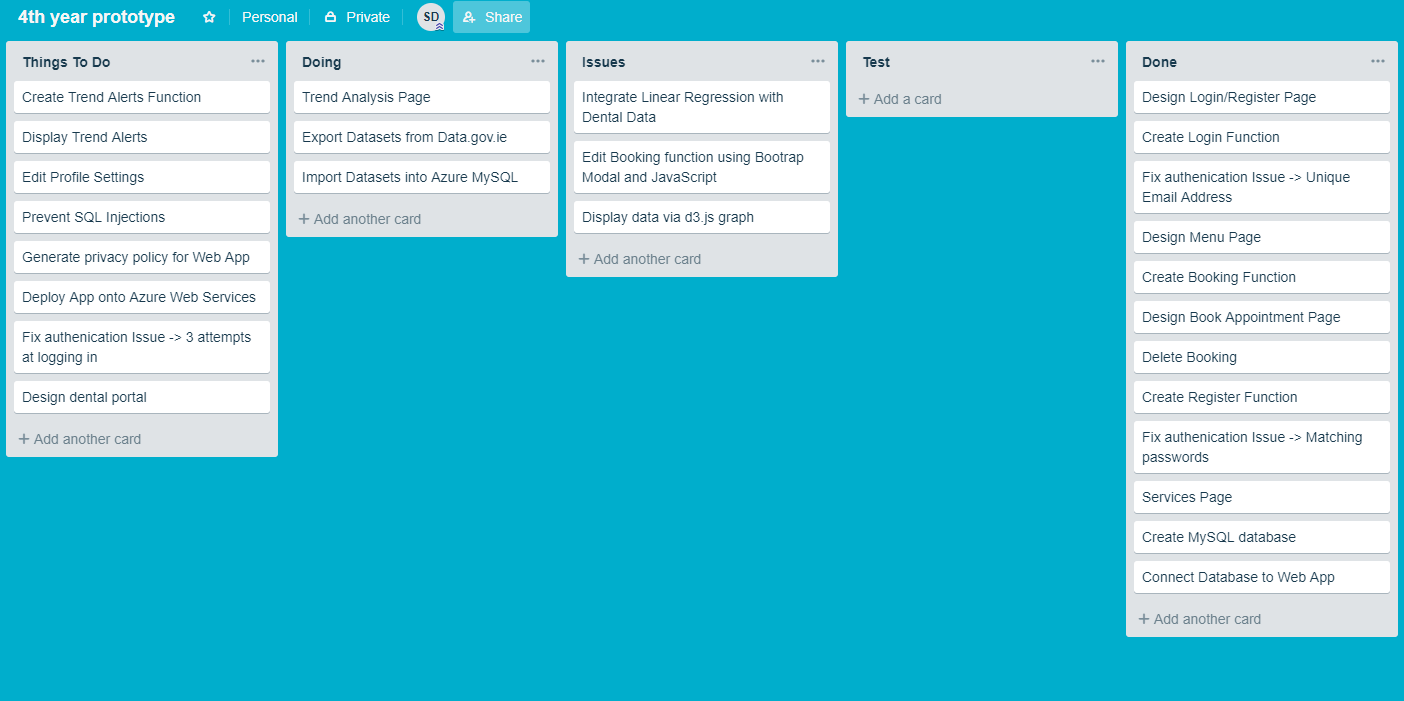
Downloaded csv files regarding dental datasets from data.gov.ie

Converted csv file into json

Imported Json file into mysql workbench

Result: Denture Repairs Table





**13/02/19**



D3.js error – How to fix??

Dropped denture repairs table from trends database

Save json-stat file from <https://www.cso.ie/StatbankServices/StatbankServices.svc/jsonservice/responseinstance/DTA06>

Import json-stat into database – failed!!

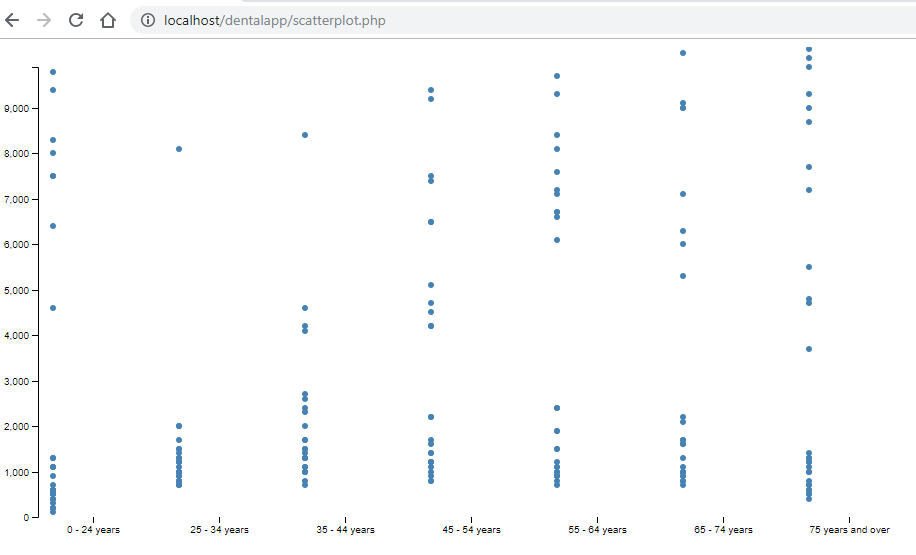
Converted json-stat into csv file

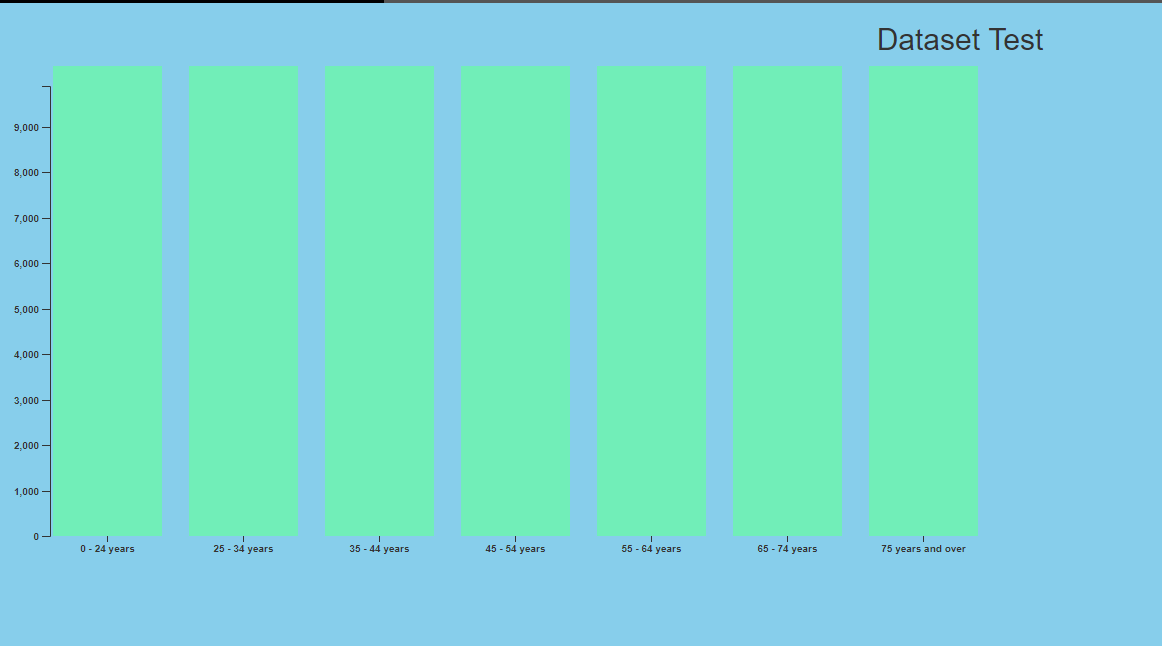
Imported csv file into database – success

Via Javascript convert database dataset through json\_encodes

**14/02/19**

Denture repairs





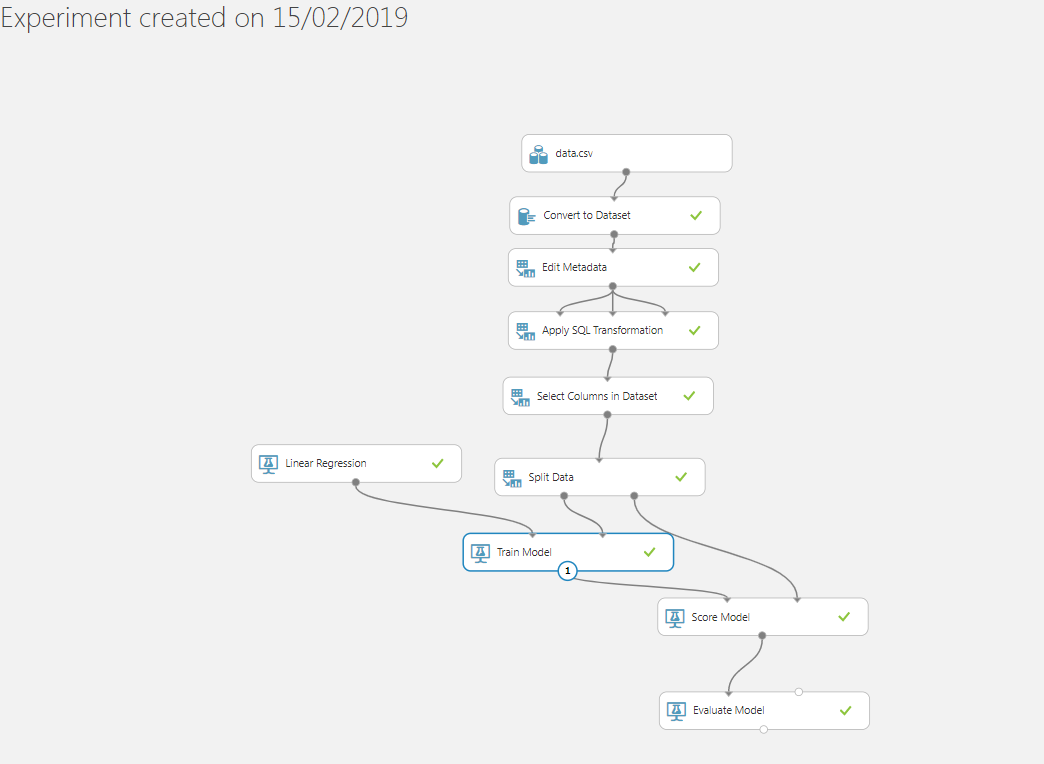
How to run linear regression with a numeric variable and a categorical variable?

Age Group (Categorical) & Value (Numeric)

**17/02/19**

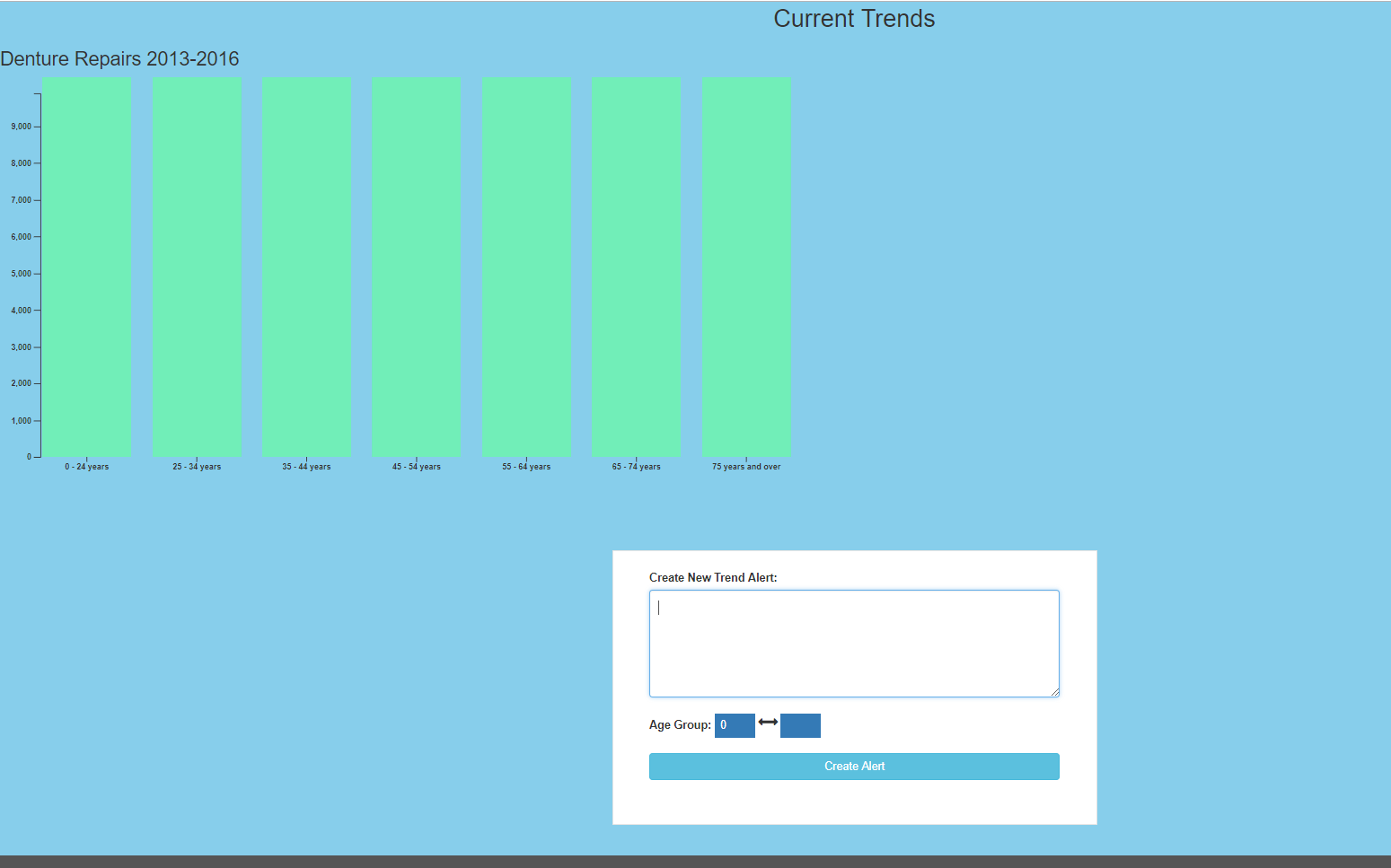
Looked at Machine Learning Studio Azure – An Alternative to d3.js

Linear Regression test run



Design Layout for Trend Alert page

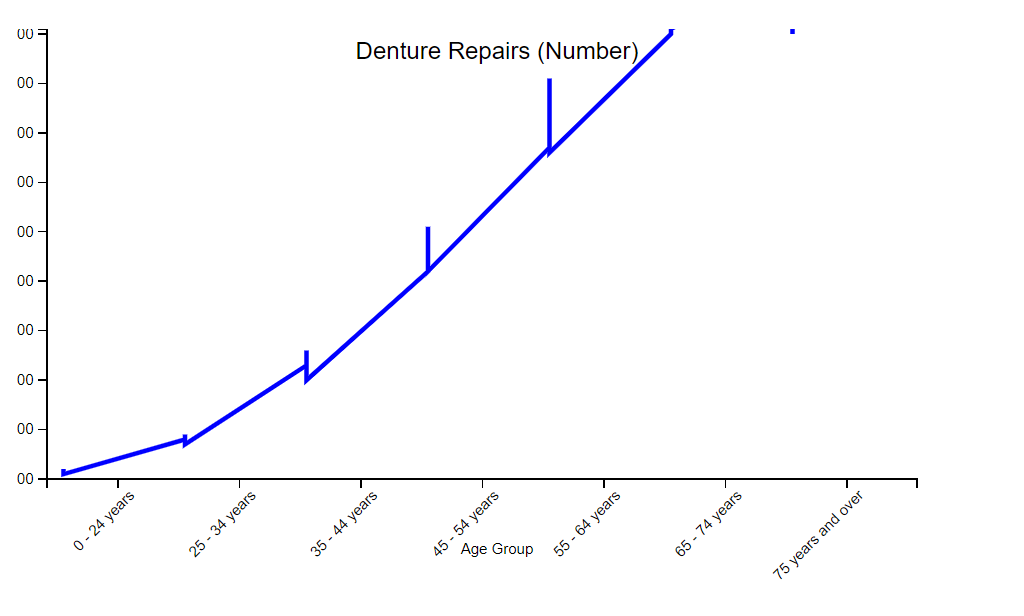
Page design as of 17th of February

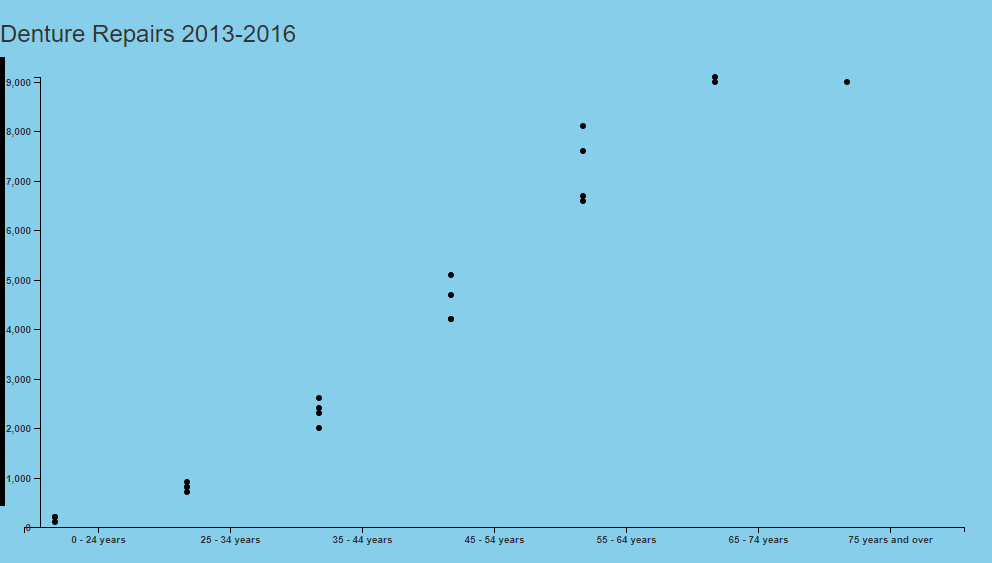


**19/02/19**

Trouble with Linear Regression formula.

**Do I need to change the X-axis value from a string to an int?**



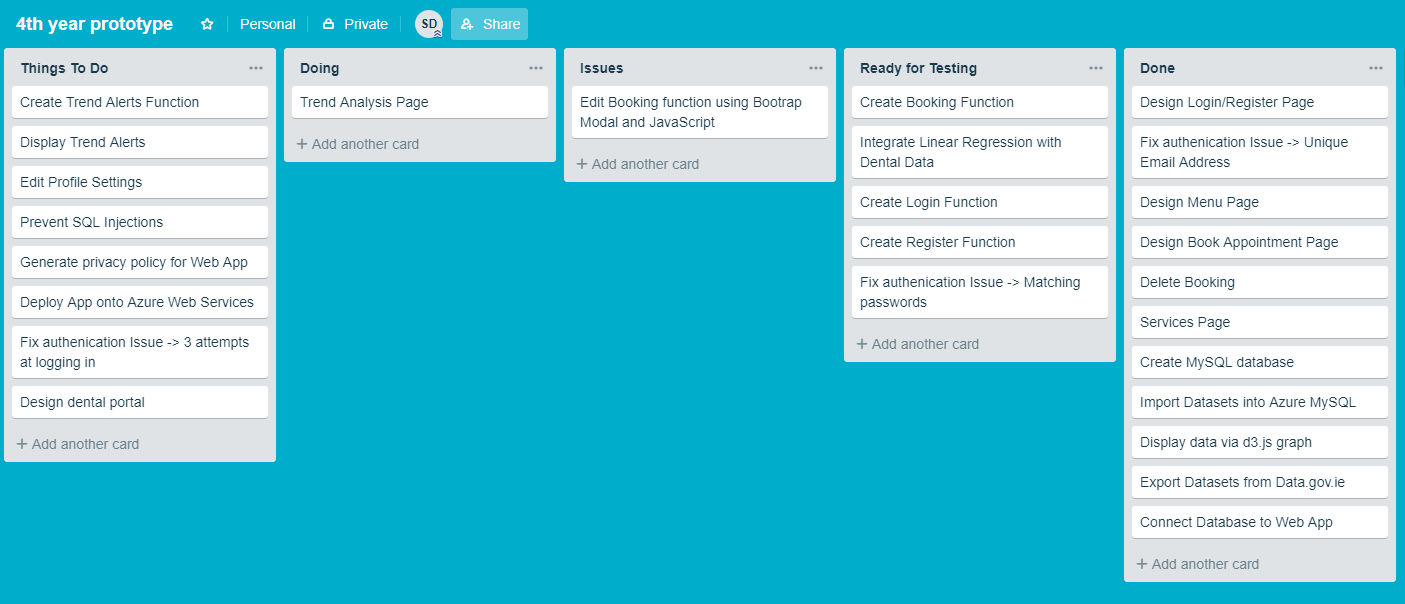


**21/02/19**

Fixed Linear Regression issue – the dataset wasn’t suitable to run formula.

Generate some dummy data to be accurate as the data in the dataset.

Week 5 Trello:



Linear Regression Demo:

