Lite Version of healthcare.gov

Goal was to gain hands-on writing and IaaS Cloud Application using AWS

1. In the project, I setup
   a. A web front end
   b. Cloud database to hold specific health plans
   c. Creating web functionality to of showing web plans on the web page and making it so that person can register for the plan.
2. AWS Services used
   a. EC2 Instance – Microsoft Windows server 2016 base
   b. RDS – Created database using SQL Server Express Edition

Used Visual Studio Web Express 2015 for development.

Screen Shots of implementation:

Kaustubh Rajput's Scalable Healthcare Selector   Home   About   Contact   Register   Log in

Register for the Ambetter Secure Care 1 (2020) with 3 Free PCP Visits - HMO

Name: Manisha Rajput

[Register me!]

Welcome to healthcare, Manisha Rajput

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SQLQuery1.sql - healthcare.c9uteix6i8jo.us-east-1.rds.amazonaws.com.HealthCare (CSCI4795root (75))* - Microsoft SQL Server Management Studio (Administrator)

Quick Launch (Ctrl+Q)

File   Edit   View   Query   Project   Tools   Window   Help

New Query

HealthCare   ► Execute

Object Explorer

Connect

- healthcare.c9uteix6i8jo-east-1.rds.ama
  - Databases
    - System Databases
    - Database Snapshots
    - HealthCare
      - Database Diagrams
      - Tables
        - System Tables
        - FileTables
        - External Tables
        - Graph Tables
        - dbo.InsurancePlans
        - dbo.Registrations
      - Views
      - External Resources
      - Synonyms
      - Programmability
      - Service Broker
      - Storage
      - Security
    - rdsadmin
  - Security
  - Server Objects
  - Replication
  - PolyBase
  - Management
  - XEvent Profiler

SQLQuery1.sql - he...(CSCI4795root (75))*   EC2AMAZ-71HA7TI...bo.InsurancePlans   EC2AMAZ-71HA7TI...dbo.Registrations

```
/****** Script for SelectTopNRows command from SSMS  ******/
SELECT TOP (200) [ID]
      ,[Full Name]
      ,[Insurance Plan]
      ,[Registration Date/Time]
  FROM [HealthCare].[dbo].[Registrations]
```

100 %

Results | Messages

	ID	Full Name	Insurance Plan	Registration Date/Time
1	1	Manisha Rajput	4	2020-01-19 19:24:00.407
2	2	Hattie Shaw	4	2020-01-19 19:25:16.820
3	3	Emily Charlton	4	2020-01-19 19:25:30.377

Query executed successfully.   healthcare.c9uteix6i8jo.us-...   CSCI4795root (75)   HealthCare   00:00:00   3 rows

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