Following are the major steps followed in the building of this Case Study:

**Getting the Data**

1. Downloaded census tract shape files of King County, WA, shape files from [Census.gov](https://www.census.gov/cgi-bin/geo/shapefiles/index.php)
2. Download the most recent Population data for King County from [American Fact Finder](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP05&prodType=table) for 2017 (CSV)
3. Downloaded data on [Marijuana Producers](•%09https:/gis-kingcounty.opendata.arcgis.com/datasets/marijuana-producers-processors-and-retailers-in-king-county-marijuana-location-point) in King County from King County Open Data Portal (Point Feature)
4. Downloaded data on [School Facilities](•%09https:/gis-kingcounty.opendata.arcgis.com/datasets/school-sites-in-king-county-schsite-point?geometry=-123.987%2C47.338%2C-120.495%2C47.662) in King County from King County Open Data Portal (Point Feature)

**Data Cleaning**

* Cleaned the CSV file to:
  + Eliminate unwanted columns
  + Remove excess rows

**Create ArcGIS Pro Project**

* Create a new project and a map in the software
* Map name: **“Marijuana Production Centers w/o legal permits”**

**Importing Data into ArcGIS**

* Import file 1 into ArcGIS thus focusing on King County as King County Tracts
* Create Bookmark for this scale
* Import file 2 into ArcGIS Pro as Population table
* Created a new field in the King County Tracts for a numeric GEOID
  + Calculated this new column to be a numeric representation of the text GeoID10 column
* Joined the Population to King County Tracts
* Built choropleth map based on population in each census tract
* Imported file 3 and 4 into software as MarijuanaProducers and KingCSchools respectively

**Analysis and Insight Generation**

* Made the point layers for Marijuana Producers and School facilities visible on to the choropleth population map
* Redesigned the symbology for aesthetics and ease of reading
* Selected (Select by Location) those producers that are within 1000 feet from a school facility
* Created a separate map layer to display just these producers

**Publishing**

* Due to issues with ArcGIS online, I was unable to publish my maps from Pro
* Downloaded each feature as a zip file into my folder
* Created the files back up again onto ArcGIS online
* Adjusted design elements online

**StoryMap**

* Created StoryMap on the website using the three published maps online.
* Used the Cascade feature to talk about main insights from each map.