Music Catalog

Album/Release

PK	**UniqueID**
	Title

Track

PK	**UniqueID**
FK	Title
	AlbumID
	Track Number
	Total Tracks
	Total Tracks
	Year
	Record Label/Release Comp
	Vocalist
	Instrumentalist
	Writer/Composer
	Genre 1
	Sub-Genre 1
	Genre 2
	Sub-Genre 2

Playlist

PK	**UniqueID**
FK	Song 1
FK	Song 2
FK	Song 3
FK	Song 4
FK	Song 5
FK	Song 6
FK	Song 7

My Variant of Changes

Album/Release

PK	**AlbumID**
	Album Title
	Album Year
	Record Label/Release Comp

Track

PK	**TrackID**
FK	AlbumID
	Track Year
FK	VocalistID
FK	InstrumentalistID
FK	Writer/ComposerID
FK	GenreID
FK	Sub-GenreID

Playlist

PK	**PlaylistID**
FK	TrackID

Writers/Composers

PK	**Writer/ComposID**
	Name
	Address
	DOB

Vocalists

PK	**VocalistID**
	Name
	DOB

Genres

PK	**GenreID**
	Name

Track Genres

PK	**TrackGenreID**
FK	TrackID
FK	GenreID

Sub Genres

PK	**SubGenreID**
FK	GenreID

Instrumentalists	
PK	**InstrumentalistID**
	Name
	DOB

WA GHG Emissions

Emissions

PK	**UniqueID**
	Source
	Sector
	City
	County
	Sub-Sector
	2012 total
	2013 total
	2014 total
	2015 total
	2016 total
	2017 total

Fixi 1NF, 3NF Violations

My Variant of Changes

WA GHG Emissions

Emissions

PK	**EmissionID**
FK	Emission SourceID
FK	CityID
FK	CountyID
FK	SectorID
	2012 total
	2013 total
	2014 total
	2015 total
	2016 total
	2017 total

Emission Sources

PK	**EmissionSourceID**
FK	EmissionID
FK	SourceID

Cities

PK	**CityID**

Counties

PK	**CountyID**

Sources

PK	**SourceID**
	Name

	Sectors	
PK	**SectorID**	
	Name	

	Subsectors	
PK	**SubsectorID**	
FK	SectorID	
	Name	
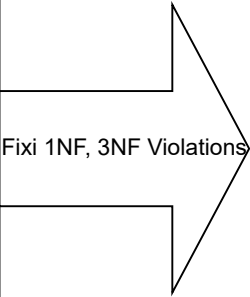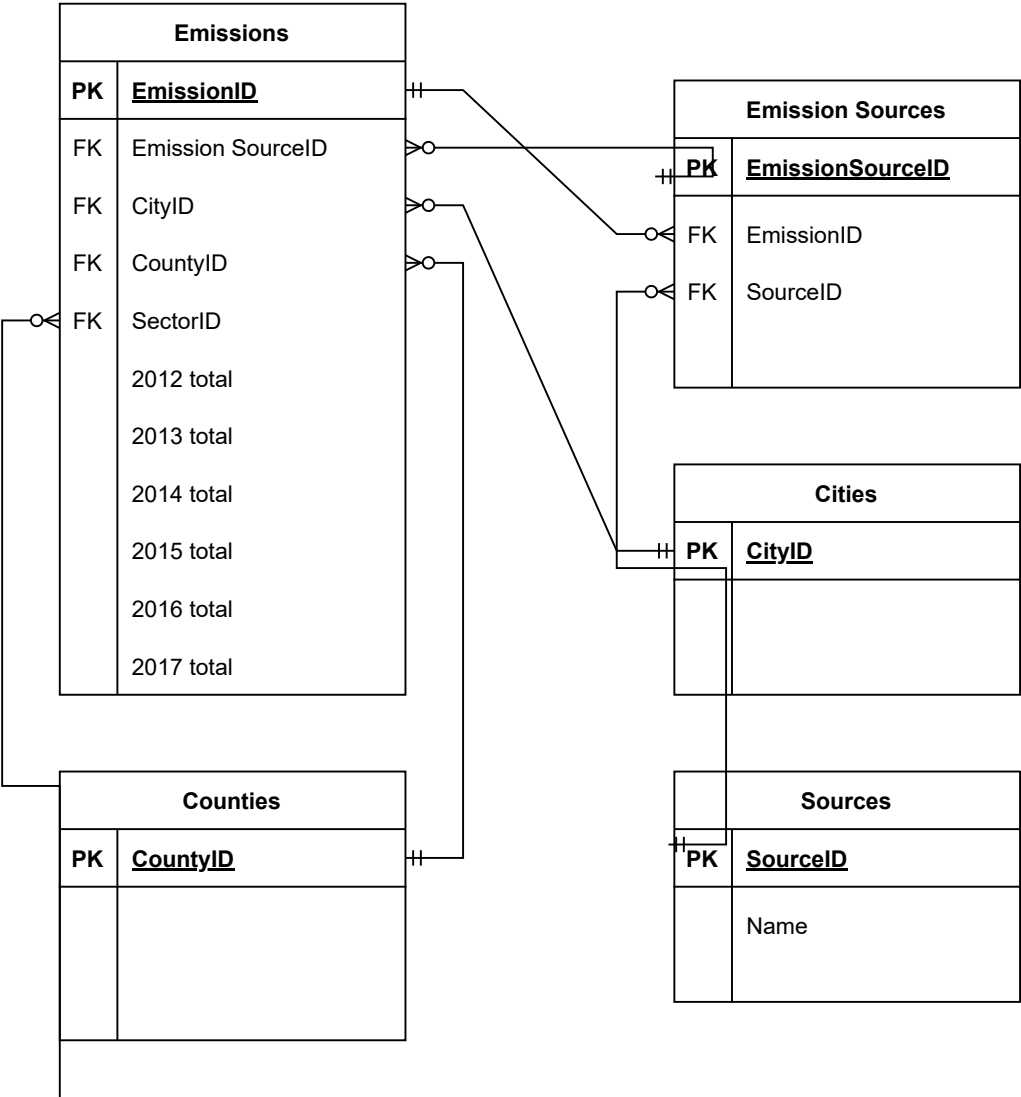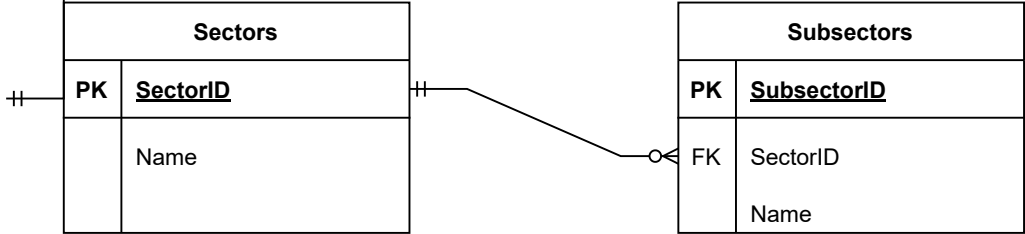
Housing Units by Town

Census

PK	UniqueID
	Year
	City
	County
	Population
	Housing Units
	Vacant Housing Units
	Land Area

Fixi 2nd Violations
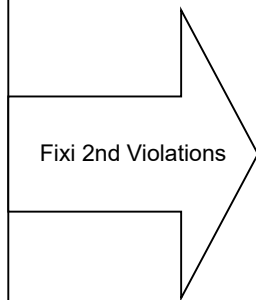
My variant of changes

Counties

PK	CountyID
1	King
2	Snohomish
3	Swinomish
4	....
5	....
6	....
7	....

Census

PK	CensusID
	Year
	CountyID

Towns/Cities

PK	TownCitID
1	Renton
2	Everet
3	Bellevue
4	...
5	...

County Town

PK	CountyTownID
FK	CountiID TownID
FK	PopulationID

Housing Units

PK	HousingUnitsID
FK	CountyTownID
1	Housing Units
2	Vacant Housing Unit
3	Land Area
4	PopulationID

Populations

PK	PopulationID
1	County
2	Town /City