## MergeScriptQB

## Quinn Bankson

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```
library(tidyverse)
## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.4.0 v purrr 1.0.1
## v tibble 3.1.8
                   v dplyr 1.0.10
## v tidyr 1.2.1 v stringr 1.5.0
## v readr 2.1.3 v forcats 0.5.2
## -- Conflicts ----- tidyverse conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag() masks stats::lag()
library(janitor)
## Attaching package: 'janitor'
## The following objects are masked from 'package:stats':
##
##
      chisq.test, fisher.test
rawdata <- read_csv(file = "/Users/mac/Documents/R Assignments PLCY 715/DarkOrchid/Bankson/InitialData/
## Rows: 13491 Columns: 37
## Delimiter: ","
## chr (27): Tracker ID, TrackerLOC, ParentID, Wiki page, Country, Subnational ...
## dbl (8): Capacity (MW), RETIRED, Planned Retire, Latitude, Longitude, Annua...
## num (2): Heat rate (Btu per kWh), Emission factor (kg of CO2 per TJ)
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
USrawdata <- rawdata %>% filter(Country == "United States")
USdata <- clean_names(USrawdata)</pre>
names (USdata)
## [1] "tracker_id"
                                       "tracker_loc"
## [3] "parent_id"
                                       "wiki_page"
## [5] "country"
                                       "subnational_unit_province_state"
```

```
## [7] "unit"
                                            "plant"
## [9] "chinese_name"
                                            "other_names"
## [11] "owner"
                                            "parent"
## [13] "capacity_mw"
                                            "status"
## [15] "year"
                                            "retired"
## [17] "planned_retire"
                                           "combustion_technology"
## [19] "coal_type"
                                            "coal_source"
## [21] "location"
                                            "local_area_taluk_county"
## [23] "major_area_prefecture_district"
                                            "region"
## [25] "latitude"
                                           "longitude"
## [27] "accuracy"
                                            "permits"
## [29] "captive"
                                            "captive_industry_use"
## [31] "captive_residential_use"
                                            "heat_rate_btu_per_k_wh"
## [33] "emission_factor_kg_of_co2_per_tj" "capacity_factor"
## [35] "annual_co2_million_tonnes_annum"
                                           "lifetime_co2"
## [37] "remaining_plant_lifetime_years"
USdata <- USdata %>%
   rename("state" = "subnational_unit_province_state",
          "county" = "local_area_taluk_county")
us_coal <- USdata %>% select("state", "year", "county", "status", "combustion_technology", "emission_fac
write_csv(us_coal, file = "/Users/mac/Documents/R Assignments PLCY 715/DarkOrchid/Bankson/coal_dta_clea
```