Connect databses in Julia

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versioninfo()
Julia Version 1.6.1
Commit 6aaedecc44 (2021-04-23 05:59 UTC)
Platform Info:
  OS: macOS (x86_64-apple-darwin18.7.0)
  CPU: Intel(R) Core(TM) i7-8557U CPU @ 1.70GHz
  WORD_SIZE: 64
  LIBM: libopenlibm
  LLVM: libLLVM-11.0.1 (ORCJIT, skylake)
Environment:
  JULIA_NUM_THREADS = 8
using GBQ
# use .env
using DotEnv
DotEnv.config(path = "/Users/kameyama/.env")
aurora="dbname='$(ENV["WRITE_RDB_DATABASE"])' host='$(ENV["WRITE_RDB_HOST"])' user='$(ENV["W
redshift="dbname='$(ENV["DWH_DATABASE"])' host='$(ENV["DWH_HOST"])' user='$(ENV["DWH_USERNAM
project_name=ENV ["BQ_PROJECT_NAME"]
dataset_name=ENV ["BQ_DATASET_NAME"]
using LibPQ
using DataFrames
# next two packages conflict with each other at the macro @select
using DataFramesMeta
# using Queryverse #packages for dataframes
```

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using Format
function sql(query,conn_str)
    conn = LibPQ.Connection(conn_str; options=Dict{String, String}())
    result =execute(conn,query)
    df = DataFrame(result)
    close(conn)
    return df
end
sql (generic function with 1 method)
function sql_time(query1,query2)
    print("Aurora: ")
    @time sql(query1,aurora)
    print("Redshift: ")
    Otime sql(query1,redshift)
    print("Bigquery: ")
    @time gbq_query(query2)
end
sql_time (generic function with 1 method)
query="select * from {}companies"
query1=format(query,"")
query2=format(query,project_name*"."*dataset_name*".")
"select * from prod-tameike-219208.smart.companies"
sql_time(query1,query2);
          0.485374 seconds (202.23 k allocations: 7.152 MiB)
Aurora:
            0.265902 seconds (211.10 k allocations: 7.288 MiB)
Redshift:
            2.751780 seconds (142.51 k allocations: 14.153 MiB)
Bigquery:
```