HOW TO QUERY DeID RDW THROUGH R

Once you have logged into the Precision Health Turbo environment, follow the directions below on how to query the Precision Health DeID RDW through RStudio.

1. On the desktop, you will find an icon for RStudio. Click on the icon to open the application.

2. The RStudio window will launch.
3. In the 'Console' window, enter the libraries and connection below. This will link RStudio to the Coded RDW.

```r
library(RODBC)
library(DBI)
library(odbc)
conn1 <- odbcConnect("DE-ID")
```

4. Users can then start querying the Coded RDW following the example below:

```r
sqlQuery(conn1,"SELECT TOP 5 * FROM PH_Views.dbo.MGI_Ancestry")
```

5. Sample SQL code and best practices can be found on the Precision Health GitLab repository. To request access to the repository, please send email to:

```plaintext
phdatahelp@umich.edu
```