

Module 03 Homework, Q1

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Dates: This file was created on 2020-07-06 and last modified on 2021-06-26.

Purpose: Answer M03-Q01. Verify that the hospital id code (HOSP_ID) has no missing values.

Note: this solution uses R and SQLite. An alternate solution using SAS and Oracle is also available.

Some of the names used in this code are arbitrary and you can choose whatever names you want. To emphasize which names can be modified at your discretion, I am using names of famous statisticians.

The statistician being honored in this code is David Blackwell.

```
library(sqldf)
```

```
## Loading required package: gsubfn
```

```
## Loading required package: proto
```

```
## Loading required package: RSQLite
```

```
blackwell <- dbConnect(SQLite(),  
  dbname="../data/ehr.sqlite")  
david <- dbGetQuery(conn=blackwell, "  
  select  
    count(*) as number_missing_ids  
  from hospital  
  where HOSP_ID is null  
")  
david
```

```
##   number_missing_ids  
## 1                   0
```

```
dbDisconnect(conn=blackwell)
```