```
In [28]: #Load the library
import pandas as pd

In [29]: #Reading Juniata Women Soccer stats from website
jcws=pd.read_html("Juniata_women_soccer.html")
jcws
```

```
Schedule Summary
                                                         Schedule Summary.1
Out[29]:
                                                               2-12-4 (.222)
                             Overall (Pct.)
            1
                          Conference (Pct.)
                                                                 0-6-1 (.071)
            2
                                       Streak
                                                                       Lost 3
            3
                                                                         2-5-2
                                         Home
                                                                         0 - 7 - 2
            4
                                         Away
            5
                                     Neutral
                                                                           0 - 0
               Full Scores and Schedule »
                                                Full Scores and Schedule »,
              Recent Games Recent Games.1 Recent Games.2
            0
                      Oct 8
                               at Catholic
                     Oct 12
                                                        L, 4-0
            1
                                 Susquehanna
            2
                     Oct 15
                                     Goucher
                                                        T, 0-0
            3
                     Oct 22
                                                        L, 2-1
                                         Drew
            4
                     Oct 26
                                                        L, 2-1
                                    Lycoming
            5
                     Oct 29
                                at
                                    Scranton
                                                        L, 3-0,
                     Statistics category Overall Overall.1
                                                                   Conf Conf.1
                                                                      7
            0
                                                                              7
                                     Games
                                                  18
                                                              18
            1
                                     Shots
                                                 106
                                                             106
                                                                     26
                                                                             26
                                                                      1
            2
                             Goals scored
                                                    8
                                                               8
                                                                               1
            3
                          Shot percentage
                                                .075
                                                            .075
                                                                   .038
                                                                           .038
            4
                           Shots-per game
                                                 5.9
                                                             5.9
                                                                    3.7
                                                                            3.7
            5
                            Shots on goal
                                                  48
                                                              48
                                                                     10
                                                                             10
            6
                           SOG percentage
                                                .453
                                                            .453
                                                                   .385
                                                                           .385
            7
                                   Assists
                                                   8
                                                               8
                                                                      0
                                                                              0
                                                              55
                                                                     15
            8
                             Corner kicks
                                                  55
                                                                             15
            9
                            Penalty kicks
                                                 1 - 1
                                                             1-1
                                                                    1 - 1
                                                                            1 - 1
                             Yellow cards
                                                    5
                                                               5
                                                                      1
                                                                              1
            10
            11
                                 Red cards
                                                    0
                                                               0
                                                                      0
                                                                              0
            12
                                  Shutouts
                                                    4
                                                               4
                                                                      1
                                                                              1
            13
                          Home Attendance
                                                1630
                                                            1630
                                                                    882
                                                                            882
            14
                Home Attendance average
                                                 182
                                                             182
                                                                    221
                                                                            221,
                                                                           a/g pts/g
                  No.
                                        Name
                                                Yr
                                                     Pos
                                                                    gpg
                                                                                         sh/q
                                                                                                 s
                                                           gp
                                                               gs
          h%
               \
            0
                  0.0
                                                            3
                                                                 3
                                                                    .00
                               Julia Lane
                                               So.
                                                      GK
                                                                           .00
                                                                                  .00
                                                                                          .00
            1
                  0.0
                               Cati Besch
                                               Sr.
                                                      GK
                                                            8
                                                                 8
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                          .00
            2
                  2.0
                               Mia Gianni
                                                     NaN
                                                          15
                                                                 3
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                          .00
                                               Fr.
            3
                  4.0
                       Ashley McWilliams
                                               Jr.
                                                       D
                                                           18
                                                               18
                                                                    .00
                                                                           .17
                                                                                  .17
                                                                                           .56
                                                                                                .00
           0
            4
                                                            7
                                                                 0
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                           .00
                  5.0
                       Breanne G
                                    Spencer
                                               Fr.
                                                     NaN
            5
                  7.0
                              Lina Rahman
                                               Jr.
                                                       F
                                                           18
                                                                 7
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                          .11
                                                                                                .00
           0
                         Daniela Scipioni
            6
                                                                 7
                  8.0
                                               So.
                                                       Μ
                                                          18
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                           .22
                                                                                                .00
           0
            7
                             Gillian Dell
                                                                                  .00
                                                                                                .00
                  9.0
                                               So.
                                                       D
                                                           14
                                                               13
                                                                    .00
                                                                           .00
                                                                                          .57
           0
            8
                10.0
                            Jordan Groves
                                               Fr.
                                                     NaN
                                                          15
                                                                    .00
                                                                           .00
                                                                                  .00
                                                                                           .07
                                                                                                .00
           0
            9
                11.0
                             Amelia
                                     Yordy
                                               Fr.
                                                     NaN
                                                           18
                                                                    .11
                                                                           .00
                                                                                  .22
                                                                                           .67
                                                                                                .16
           7
                                                                    .06
                                                                                  .11
            10
                12.0
                           Savanna Murray
                                                     NaN
                                                          18
                                                                 5
                                                                           .00
                                                                                           .61
                                                                                                .09
                                               Fr.
           1
                13.0
                                                                5
                                                                    .00
            11
                            Brooke
                                     Jordan
                                               Jr.
                                                     NaN
                                                          12
                                                                           .00
                                                                                  .00
                                                                                          .08
                                                                                                .00
           0
            12
                14.0
                          Mariah McDonald
                                               Jr.
                                                           15
                                                               13
                                                                    .00
                                                                           .07
                                                                                  .07
                                                                                          .53
                                                                                                .00
           0
                                                                 7
                                                                    .00
                                                                                           .00
            13
                15.0
                          Megan McConnell
                                               Jr.
                                                       D
                                                          14
                                                                           .00
                                                                                  .00
            14
                16.0
                                                     M/D
                                                                 3
                                                                    .00
                                                                                                .00
                               Kara
                                     Mette
                                               Jr.
                                                          11
                                                                           .00
                                                                                  .00
                                                                                          .18
           0
            15
                17.0
                               Alyssa Bui
                                               So.
                                                       М
                                                          18
                                                               14
                                                                    .11
                                                                           .06
                                                                                  .28
                                                                                         1.06
                                                                                                .10
```

```
5
                                                         .06
                                                                                     .07
 16
     18.0
              Colleen O'Brien
                                              18
                                                                .11
                                                                       .22
                                                                               .72
                                   Sr.
                                           Μ
                                                    16
7
 17
     19.0
              Sydney Hunsinger
                                   Fr.
                                         NaN
                                               16
                                                     5
                                                         .00
                                                                .00
                                                                       .00
                                                                               .00
 18
     20.0
                   Emma
                          Greggo
                                   So.
                                            F
                                               18
                                                         .06
                                                                .00
                                                                       .11
                                                                               .50
                                                                                     .11
1
     21.0
                  Helen
                          Chavez
                                               15
                                                    12
                                                         .07
                                                                .07
                                                                       .20
                                                                               .33
                                                                                     .20
 19
                                   Sr.
                                            Μ
0
 20
     22.0
                  Lydia
                          Hiller
                                   Jr.
                                               13
                                                    11
                                                         .00
                                                                .00
                                                                       .00
                                                                               .08
                                                                                     .00
                                            D
0
 21
     23.0
                    Emma
                          Mumau
                                   Jr.
                                            D
                                                1
                                                     1
                                                         .00
                                                                .00
                                                                       .00
                                                                               .00
 22
                                                         .00
                                                                       .00
                                                                               .00
     24.0
                Alexa
                       Neiderer
                                            D
                                               17
                                                    15
                                                                .00
                                   Sr.
 23
     30.0
              Aleya Eisenberg
                                         M/D
                                               17
                                                     7
                                                         .00
                                                                .00
                                                                       .00
                                                                               .00
                                   So.
                           Zales
 24
     32.0
                   Avery
                                    Jr.
                                          GK
                                                8
                                                         .00
                                                                .00
                                                                       .00
                                                                               .00
 25
     42.0
                 Brooke Hinkle
                                    So.
                                          GK
     56.0
              Hayden Thompson
 26
                                          GK
                                   Sr.
 27
      NaN
                          Totals
                                   NaN
                                         NaN
                                               18
                                                    18
                                                         .44
                                                                .44
                                                                     1.33
                                                                             5.89
                                                                                     .07
5
                                                                     4.50
 28
      NaN
                        Opponent
                                   NaN
                                         NaN
                                               18
                                                    18
                                                         .44
                                                              1.17
                                                                            13.44
                                                                                     .12
4
    soq/q
              sog%
 0
       .00
 1
       .00
 2
       .00
              .200
 3
       .11
 4
       .00
 5
       .06
              .500
       .00
 6
              .000
 7
       .21
              .375
 8
       .00
              .000
       .44
 9
              .667
       .28
 10
              .455
 11
       .00
              .000
 12
       .20
              .375
 13
       .00
 14
       .18
            1.000
 15
       .28
              .263
 16
       .61
              .846
 17
       .00
 18
       .22
              .444
       .20
 19
              .600
 20
       .08
            1.000
 21
       .00
 22
       .00
 23
       .00
       .00
 24
 25
 26
 27
     2.67
              .453
 28
     7.56
              .562
     No.
                         Name
                                 Yr
                                      Pos
                                                gs
                                                     min/g
                                                             ga/g
                                                                     gaa
                                                                           sv/g
                                                                                   sv%
                                            gp
 0
     0.0
                                       GK
                                                 3
                                                     90:00
                                                             1.67
                                                                    1.67
                                                                           5.00
                                                                                  .750
                 Julia Lane
                                So.
                                             3
 1
     0.0
                 Cati
                        Besch
                                Sr.
                                       GK
                                             8
                                                     84:22
                                                             1.75
                                                                    1.87
                                                                           6.00
                                                                                  .774
                Avery
 2
    32.0
                        Zales
                                       GK
                                                 7
                                                     84:22
                                                             1.38
                                                                    1.47
                                                                           5.00
                                                                                  .784
                                Jr.
                                             8
 3
    42.0
              Brooke Hinkle
                                So.
                                       GK
                                                      0:00
    56.0
          Hayden Thompson
                                Sr.
                                       GK
                                                      0:00
```

```
5
                                                    90:00
                                                                          5.72
     NaN
                      Totals
                               NaN NaN
                                          18
                                                18
                                                            1.67 1.67
                                                                                 .774
 6
     NaN
                                                18
                                                    90:00
                                                              .44
                                                                   0.44
                                                                          2.17
                                                                                  .830,
                    Opponent
                               NaN
                                     NaN
                                           18
      No.
                            Name
                                    Yr
                                        Pos
                                               gp
                                                   gs
                                                         g
                                                              а
                                                                 pts
                                                                        sh
                                                                              sh%
                                                                                   sog
\
 0
      0.0
                                                3
                                                    3
                                                                    0
                                                                         0
                                                                                      0
                    Julia Lane
                                          GK
                                                         0
                                                              0
                                   So.
 1
      0.0
                    Cati Besch
                                   Sr.
                                          GK
                                                8
                                                    8
                                                         0
                                                              0
                                                                    0
                                                                         0
                                                                                      0
                                              15
 2
      2.0
                    Mia Gianni
                                                    3
                                                              0
                                                                    0
                                                                         0
                                                                                      0
                                   Fr.
                                         NaN
                                                         Λ
 3
      4.0
            Ashley McWilliams
                                               18
                                                         0
                                                              3
                                                                    3
                                                                        10
                                                                             .000
                                                                                      2
                                   Jr.
                                           D
                                                   18
      5.0
            Breanne G Spencer
                                               7
                                                    0
                                                                    0
                                                                         0
                                   Fr.
                                         NaN
 5
      7.0
                   Lina Rahman
                                               18
                                                    7
                                                         0
                                                              0
                                                                    0
                                                                         2
                                                                             .000
                                                                                      1
                                   Jr.
                                           F
      8.0
                                               18
                                                    7
                                                                    0
                                                                             .000
 6
             Daniela Scipioni
                                   So.
                                           Μ
                                                         0
                                                              0
                                                                         4
                                                                                      0
 7
      9.0
                  Gillian Dell
                                   So.
                                           D
                                               14
                                                   13
                                                         0
                                                              0
                                                                    0
                                                                         8
                                                                             .000
                                                                                      3
     10.0
                 Jordan Groves
                                               15
                                                         0
                                                              0
                                                                    0
                                                                         1
                                                                             .000
 8
                                   Fr.
                                         NaN
                                                    1
                                                                                      0
     11.0
                                                         2
 9
                  Amelia Yordy
                                         NaN
                                               18
                                                    6
                                                              Λ
                                                                    4
                                                                        12
                                                                             .167
                                                                                      8
                                   Fr.
     12.0
                                                                   2
 10
               Savanna Murray
                                   Fr.
                                         NaN
                                               18
                                                         1
                                                              0
                                                                        11
                                                                             .091
                                                                                      5
     13.0
                 Brooke Jordan
                                               12
                                                    5
                                                         0
                                                              0
                                                                   0
                                                                             .000
                                                                                      0
 11
                                   Jr.
                                         NaN
                                                                         1
     14.0
                                               15
                                                                             .000
 12
              Mariah McDonald
                                   Jr.
                                           D
                                                   13
                                                         0
                                                              1
                                                                    1
                                                                         8
                                                                                      3
 13
     15.0
              Megan McConnell
                                   Jr.
                                           D
                                               14
                                                    7
                                                         0
                                                              0
                                                                    0
                                                                         0
                                                                                      0
     16.0
                                                                   0
 14
                    Kara Mette
                                               11
                                                    3
                                                         Λ
                                                              Λ
                                                                         2
                                                                             .000
                                                                                      2
                                   Jr.
                                         M/D
 15
     17.0
                    Alyssa Bui
                                   So.
                                           Μ
                                               18
                                                   14
                                                         2
                                                              1
                                                                   5
                                                                        19
                                                                             .105
                                                                                      5
     18.0
              Colleen O'Brien
                                                              2
                                                                        13
 16
                                   Sr.
                                           Μ
                                               18
                                                   16
                                                         1
                                                                             .077
                                                                                     11
     19.0
                                                                   0
 17
             Sydney Hunsinger
                                               16
                                                    5
                                                         0
                                                              0
                                                                         0
                                                                                      0
                                   Fr.
                                         NaN
                                   So.
                                                                    2
 18
     20.0
                   Emma Greggo
                                           F
                                               18
                                                    9
                                                         1
                                                              0
                                                                         9
                                                                             .111
                                                                                      4
 19
     21.0
                  Helen Chavez
                                   Sr.
                                           М
                                               15
                                                   12
                                                         1
                                                              1
                                                                    3
                                                                         5
                                                                             .200
                                                                                      3
                                               13
 20
     22.0
                  Lydia Hiller
                                                   11
                                                         0
                                                              Λ
                                                                    0
                                                                         1
                                                                             .000
                                   Jr.
                                           D
                                                                                      1
     23.0
 21
                    Emma Mumau
                                   Jr.
                                           D
                                               1
                                                    1
                                                         0
                                                              0
                                                                    0
                                                                         0
                                                                                      0
 22
     24.0
               Alexa Neiderer
                                   Sr.
                                               17
                                                   15
                                                         0
                                                              0
                                                                   0
                                                                         0
                                                                                      0
                                           D
23
     30.0
              Aleya Eisenberg
                                               17
                                                    7
                                                         0
                                                              0
                                                                   0
                                                                         0
                                                                                      0
                                   So.
                                         M/D
                                                    7
 24
     32.0
                   Avery Zales
                                   Jr.
                                          GK
                                                8
                                                         0
                                                              0
                                                                   0
                                                                         0
                                                                                      0
 25
     42.0
                 Brooke Hinkle
                                   So.
                                          GK
                                                                   0
     56.0
                                                                   0
 26
              Hayden Thompson
                                   Sr.
                                          GK
 27
      NaN
                                               18
                                                   18
                                                         8
                                                              8
                                                                  24
                                                                       106
                                                                             .075
                                                                                     48
                          Totals
                                   NaN
                                         NaN
                                                                             .124
 28
      NaN
                       Opponent
                                                        30
                                                            21
                                                                  81
                                                                       242
                                   NaN
                                         NaN
                                               18
                                                   18
                                                                                    136
```

```
sog% yc rc
                          pk
                                 qw
0
                0
                     0
                         0 - 0
                                  0
                0
                    0
1
                         0 - 0
                                  0
2
                0
                    0
                         0 - 0
        .200
3
                0
                    0
                         0 - 0
                                  0
4
                0
                    0
                         0 - 0
                                  0
5
        .500
                0
                    0
                         0 - 0
        .000
                0
                    0
                         0 - 0
                                  0
6
7
       .375
                0
                    0
                         0 - 0
8
       .000
                0
                    0
                         0 - 0
                         0 - 0
9
        .667
                    0
                                  2
                0
        .455
                         1 - 1
10
                0
                    0
                                  0
11
        .000
                0
                    0
                         0 - 0
                                  0
12
        .375
                0
                    0
                         0 - 0
                                  0
13
                1
                    0
                         0 - 0
      1.000
14
                0
                    0
                         0 - 0
                         0 - 0
15
        .263
                0
                    0
                                  0
16
        .846
                0
                    0
                         0 - 0
                                  0
17
                0
                    0
                         0 - 0
                                  0
18
                    0
                         0 - 0
                                  Λ
        .444
                0
19
       .600
                    0
                         0 - 0
20
      1.000
                    0
                         0 - 0
                2
                                  0
                0
                    0
                         0 - 0
21
                                  0
22
                1
                    0
                         0 - 0
                                  0
                0
                    0
                         0 - 0
2.3
            _
                                  0
                0
                    0
                         0 - 0
2.4
25
                         0 - 0
26
                         0 - 0
27
        .453
                5
                     0
                         1 - 1
                                  2
28
        .562
                7
                         1 - 1
                                 12
```

```
No.
                         Name
                                                                                    sv%
                                  Yr
                                      Pos
                                            gp
                                                 gs
                                                          min
                                                                       qaa
                                                                              sv
                                                                αa
\
 0
     0.0
                 Julia Lane
                                                       270:00
                                                                  5
                                                                     1.67
                                                                              15
                                                                                   .750
                                 So.
                                        GK
                                              3
                                                  3
1
     0.0
                 Cati
                       Besch
                                 Sr.
                                        GK
                                              8
                                                  8
                                                       675:00
                                                                 14
                                                                     1.87
                                                                              48
                                                                                   .774
2
    32.0
                                                       675:00
                                                                                   .784
                Avery
                        Zales
                                                  7
                                                                 11
                                                                      1.47
                                 Jr.
                                        GK
                                              8
                                                                              40
 3
    42.0
              Brooke Hinkle
                                        GK
                                                          0:00
                                 So.
 4
    56.0
                                 Sr.
                                                          0:00
           Hayden
                    Thompson
                                        GK
 5
     NaN
                                                                                   .774
                       Totals
                                 NaN
                                      NaN
                                             18
                                                 18
                                                      1620:00
                                                                 30
                                                                     1.67
                                                                             103
     NaN
                     Opponent
                                                 18
                                                      1620:00
                                                                     0.44
                                                                                   .830
                                NaN
                                      NaN
                                            18
                                                                              39
   wins losses ties shutouts
 0
      1
               1
                     1
 1
      1
               7
                     0
                             1/0
 2
      0
                     3
               4
                             2/0
 3
                             0/0
 4
                             0/0
      2
 5
              12
                     4
                               4
 6
     12
               2
                     4
                              12
      No.
                             Name
                                     Yr
                                          Pos gp gs
                                                       gpg
                                                              a/g pts/g
                                                                            sh/g
                                                                                     sh%
\
      0.0
                    Julia Lane
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 0
                                    So.
                                           GK
                                                1
                                                    1
                                           GK
      0.0
                    Cati Besch
                                                3
                                                    3
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 1
                                    Sr.
 2
      2.0
                    Mia Gianni
                                    Fr.
                                          NaN
                                                6
                                                    1
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 3
      4.0
            Ashley McWilliams
                                            D
                                                7
                                                    7
                                                       .00
                                                              .00
                                                                      .00
                                                                              .57
                                                                                    .000
                                    Jr.
      5.0
                                                    0
                                                       .00
                                                              .00
                                                                              .00
 4
            Breanne G Spencer
                                    Fr.
                                          NaN
                                                3
                                                                      .00
                                                7
 5
      7.0
                   Lina Rahman
                                    Jr.
                                            F
                                                    2
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
      8.0
              Daniela Scipioni
                                                7
                                                    2
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 6
                                    So.
                                            М
 7
      9.0
                  Gillian Dell
                                                       .00
                                                              .00
                                                                      .00
                                                                              .75
                                                                                    .000
                                    So.
                                            D
                                                4
                                                    4
                                                7
 8
     10.0
                 Jordan Groves
                                    Fr.
                                          NaN
                                                    0
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
                                                7
                                                                      .00
 9
     11.0
                  Amelia Yordy
                                          NaN
                                                    4
                                                       .00
                                                              .00
                                                                              .29
                                                                                    .000
                                    Fr.
 10
     12.0
                Savanna Murray
                                    Fr.
                                          NaN
                                                7
                                                    3
                                                       .14
                                                              .00
                                                                      .29
                                                                              .71
                                                                                    .200
 11
     13.0
                                          NaN
                                                       .00
                                                              .00
                                                                              .00
                 Brooke Jordan
                                    Jr.
                                                                      .00
 12
     14.0
               Mariah McDonald
                                                7
                                                    7
                                                       .00
                                                              .00
                                                                      .00
                                                                              .29
                                                                                    .000
                                    Jr.
                                            D
     15.0
 13
               Megan McConnell
                                                    2
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
                                    Jr.
                                            D
                                                6
 14
     16.0
                                                       .00
                                                              .00
                                                                              .00
                    Kara Mette
                                    Jr.
                                          M/D
                                                4
                                                    0
                                                                      .00
 15
     17.0
                    Alyssa Bui
                                    So.
                                            М
                                                7
                                                    7
                                                       .00
                                                              .00
                                                                      .00
                                                                            1.14
                                                                                    .000
 16
     18.0
               Colleen O'Brien
                                                7
                                                       .00
                                                              .00
                                                                      .00
                                                                              .29
                                                                                    .000
                                    Sr.
                                            Μ
                                                    6
 17
     19.0
              Sydney Hunsinger
                                                6
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
                                    Fr.
                                          NaN
     20.0
                                                7
                                                                      .00
 18
                   Emma
                          Greggo
                                    So.
                                            F
                                                    4
                                                       .00
                                                              .00
                                                                              .00
     21.0
 19
                  Helen
                          Chavez
                                    Sr.
                                            Μ
                                                6
                                                    6
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 20
     22.0
                  Lydia Hiller
                                    Jr.
                                            D
                                                5
                                                    5
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 21
     23.0
                                    Jr.
                                                1
                                                    1
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
                    Emma Mumau
                                            D
     24.0
 22
                Alexa Neiderer
                                    Sr.
                                            D
                                                7
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 23
     30.0
               Aleya Eisenberg
                                    So.
                                          M/D
                                                7
                                                       .00
                                                              .00
                                                                      .00
                                                                              .00
 24
     32.0
                                                    3
                                                       .00
                                                              .00
                                                                              .00
                   Avery Zales
                                    Jr.
                                           GK
                                                3
                                                                      .00
     42.0
 25
                 Brooke Hinkle
                                    So.
                                           GK
 26
     56.0
               Hayden
                        Thompson
                                    Sr.
                                           GK
 27
                                                7
                                                    7
                                                       .14
                                                              .00
      NaN
                           Totals
                                    NaN
                                          NaN
                                                                      .29
                                                                            3.71
                                                                                    .038
                                                7
                                                    7
 28
      NaN
                        Opponent
                                    NaN
                                          NaN
                                                       .14
                                                             1.43
                                                                    6.29
                                                                           17.29
                                                                                    .140
    sog/g
            soq%
 0
       .00
 1
       .00
 2
       .00
 3
       .29
             .500
       .00
 4
 5
       .00
 6
       .00
       .25
 7
             .333
 8
       .00
 9
       .00
             .000
             .600
 10
       .43
 11
       .00
 12
       .14
             .500
```

```
13
      .00
14
      .00
15
      .29
            .250
16
      .14
            .500
17
      .00
18
      .00
19
      .00
20
      .00
21
      .00
22
      .00
23
      .00
24
      .00
25
26
27
    1.43
            .385
28
    9.43
            .545
    No.
                         Name
                                 Yr
                                      Pos gp gs
                                                    min/g
                                                            ga/g
                                                                     gaa
                                                                           sv/q
                                                                                    sv%
0
    0.0
                Julia
                        Lane
                                So.
                                       GK
                                            1
                                                1
                                                    90:00
                                                            4.00
                                                                    4.00
                                                                           8.00
                                                                                   .667
1
    0.0
                                            3
                                                3
                                                    90:00
                                                            3.00
                                                                    3.00
                                                                           7.67
                Cati
                       Besch
                                Sr.
                                       GK
                                                                                   .719
2
   32.0
               Avery
                        Zales
                                Jr.
                                       GK
                                            3
                                                3
                                                    90:00
                                                            1.33
                                                                    1.33
                                                                           5.67
                                                                                   .810
   42.0
3
             Brooke Hinkle
                                So.
                                       GK
                                                     0:00
4
   56.0
                                                     0:00
          Hayden Thompson
                                Sr.
                                       GK
                                                7
5
    NaN
                       Totals
                                NaN
                                      NaN
                                            7
                                                    90:00
                                                            2.43
                                                                    2.43
                                                                           6.86
                                                                                   .738
6
    NaN
                    Opponent
                                NaN
                                      NaN
                                            7
                                                7
                                                    90:00
                                                              .14
                                                                    0.14
                                                                           1.29
                                                                                   .900
     No.
                             Name
                                     Yr
                                          Pos
                                               gp gs
                                                         g
                                                              а
                                                                 pts
                                                                         sh
                                                                               sh% sog
0
     0.0
                    Julia Lane
                                    So.
                                           GK
                                                1
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
      0.0
                    Cati Besch
                                                3
                                                    3
                                                              0
                                                                    0
                                                                                      0
1
                                    Sr.
                                           GK
                                                         0
                                                                          0
2
      2.0
                    Mia Gianni
                                                6
                                                              0
                                                                    0
                                                                                      0
                                    Fr.
                                          NaN
                                                    1
                                                         0
                                                                          0
                                                                                      2
3
      4.0
            Ashley McWilliams
                                    Jr.
                                            D
                                                7
                                                    7
                                                         0
                                                              0
                                                                    0
                                                                          4
                                                                              .000
4
      5.0
            Breanne G
                        Spencer
                                          NaN
                                                3
                                                    0
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
                                    Fr.
                                                                                      0
5
      7.0
                   Lina Rahman
                                    Jr.
                                            F
                                                7
                                                    2
                                                         0
                                                              0
                                                                    0
                                                                          0
      8.0
                       Scipioni
                                                7
                                                                    0
                                                                                      0
6
             Daniela
                                    So.
                                            Μ
7
      9.0
                  Gillian Dell
                                                         0
                                                              0
                                                                    0
                                                                          3
                                                                              .000
                                                                                      1
                                    So.
                                            D
8
    10.0
                Jordan Groves
                                                7
                                                    0
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
                                    Fr.
                                          NaN
9
    11.0
                  Amelia Yordy
                                                7
                                                    4
                                                         0
                                                                    0
                                                                          2
                                                                              .000
                                                                                      0
                                    Fr.
                                          NaN
                                                              0
                                                                              .200
10
    12.0
               Savanna Murray
                                    Fr.
                                          NaN
                                                7
                                                    3
                                                         1
                                                              0
                                                                    2
                                                                          5
                                                                                      3
11
    13.0
                Brooke
                          Jordan
                                          NaN
                                                3
                                                    1
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
                                    Jr.
12
    14.0
              Mariah McDonald
                                                7
                                                    7
                                                                    0
                                                                              .000
                                                                                      1
                                    Jr.
    15.0
13
              Megan McConnell
                                    Jr.
                                            D
                                                6
                                                    2
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
    16.0
14
                    Kara Mette
                                    Jr.
                                          M/D
                                                4
                                                    0
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
15
    17.0
                    Alyssa Bui
                                    So.
                                            Μ
                                                7
                                                    7
                                                         0
                                                              0
                                                                    0
                                                                          8
                                                                              .000
                                                                                      2
16
    18.0
              Colleen O'Brien
                                                7
                                                         0
                                                              0
                                                                    0
                                                                          2
                                                                              .000
                                                                                      1
                                    Sr.
                                            М
                                                    6
                                                                                      0
17
    19.0
             Sydney Hunsinger
                                    Fr.
                                          NaN
                                                              0
                                                                    0
18
    20.0
                   Emma
                         Greggo
                                    So.
                                            F
                                                7
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
    21.0
                                                                                      0
19
                                                    6
                                                         0
                                                              0
                                                                    0
                                                                          Λ
                  Helen Chavez
                                    Sr.
                                            М
                                                6
    22.0
                                                5
                                                    5
                                                                                      0
20
                  Lydia Hiller
                                    Jr.
                                            D
                                                         0
                                                              0
                                                                    0
                                                                          0
21
    23.0
                    Emma Mumau
                                    Jr.
                                            D
                                                1
                                                    1
                                                         0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
22
    24.0
               Alexa Neiderer
                                                7
                                                                    0
                                                                                      0
                                    Sr.
                                            D
                                                    6
                                                         0
                                                              0
                                                                          Λ
                                                7
23
    30.0
              Aleya Eisenberg
                                    So.
                                          M/D
                                                    0
                                                              0
                                                                    0
                                                                          0
                                                                                      0
                                                3
24
    32.0
                   Avery
                          Zales
                                    Jr.
                                           GK
                                                                    0
                                                                          0
                                                                                      0
    42.0
25
                 Brooke Hinkle
                                    So.
                                           GK
                                                                    0
26
    56.0
              Hayden
                        Thompson
                                    Sr.
                                           GK
                                                                    0
                                                7
                                                    7
27
     NaN
                          Totals
                                    NaN
                                          NaN
                                                         1
                                                              0
                                                                    2
                                                                         26
                                                                              .038
                                                                                     10
28
     NaN
                                                                  44
                                                                       121
                                                                              .140
                                                                                     66
                        Opponent
                                    NaN
                                          NaN
                                                7
                                                    7
                                                       17
                                                            10
                    pk gw
    sog% yc rc
0
            0
               0
                   0 - 0
                         0
1
            0
               0
                   0 - 0
                         0
               0
                   0 - 0
2
            0
                         0
     .500
            0
               0
                   0 - 0
                         n
3
            0
               0
                   0 - 0
5
            0
               0
                   0 - 0
                         0
6
            0
               0
                   0 - 0
                         0
```

.333

0

0 - 0

```
0-0
 8
             0
                 0
                           0
 9
      .000
             0
                 Λ
                     0 - 0
                           0
 10
      .600
                     1 - 1
 11
             0
                 0
                     0 - 0
                           0
      .500
 12
             0
                 0
                     0 - 0
                           0
 13
             0
                 0
                     0 - 0
                           0
 14
                 0
                     0 - 0
                           0
             0
 15
      .250
             0
                 Λ
                     0 - 0
                           n
 16
      .500
             0
                     0 - 0
 17
             0
                 0
                     0 - 0
                           0
                     0 - 0
 18
             0
                 0
                           0
 19
             0
                 0
                     0 - 0
 2.0
             1
                 0
                     0 - 0
                           0
             0
                 0
                     0-0
 2.1
             0
                 0
                     0 - 0
 22
                     0-0
 23
             0
                 0
                           n
                     0 - 0
 24
             0
                 0
                           0
 25
                     0 - 0
 26
                     0 - 0
 27
      .385
             1
                     1 - 1
      .545
 28
                     1 - 1
                           6
                                                                                   sv% wins
      No.
                           Name
                                    Yr
                                         Pos gp gs
                                                          min
                                                                 ga
                                                                       gaa
                                                                             sv
 0
      0.0
                  Julia Lane
                                          GK
                                               1
                                                   1
                                                        90:00
                                                                  4
                                                                      4.00
                                                                               8
                                                                                   .667
                                                                                             0
                                   So.
      0.0
                  Cati Besch
                                                                      3.00
                                               3
                                                   3
                                                       270:00
                                                                  9
                                                                                   .719
                                                                                             0
 1
                                   Sr.
                                          GK
                                                                             23
                                               3
                                                                      1.33
                                                                             17
 2
    32.0
                 Avery
                          Zales
                                   Jr.
                                          GK
                                                   3
                                                       270:00
                                                                                   .810
                                                                                             0
 3
    42.0
               Brooke Hinkle
                                                         0:00
                                   So.
                                          GK
 4
    56.0
            Hayden
                      Thompson
                                                         0:00
                                   Sr.
                                          GK
                                               7
                                                   7
 5
      NaN
                         Totals
                                  NaN
                                         NaN
                                                       630:00
                                                                 17
                                                                      2.43
                                                                              48
                                                                                   .738
                                                                                             0
                                               7
                                                   7
 6
      NaN
                      Opponent
                                  NaN
                                         NaN
                                                       630:00
                                                                  1
                                                                      0.14
                                                                               9
                                                                                   .900
                                                                                             6
   losses ties shutouts
 0
                0
                         0/0
         1
                         0/0
 1
          3
                0
 2
          2
                1
                         1/0
 3
                         0/0
                         0/0
 Δ
 5
          6
                1
                           1
 6
          0
                1
                           6
        Date
                               Opponent
                                             Score
                                                         sh
                                                                sh%
                                                                      sv
                                                                           ck
                                                                                уc
                                                                                     rc
                                                     а
 0
       Sep 1
                                Chatham
                                           L, 2-1
                                                     1
                                                          8
                                                              .125
                                                                       3
                                                                            7
                                                                                 0
                                                                                      0
 1
                                                          5
                                                              .000
                                                                            3
                                                                                      0
       Sep 3
                at Westminster (Pa.)
                                           L, 2-0
                                                     0
                                                                       8
                                                                                 0
 2
       Sep 4
                     Penn St.-Altoona
                                           T, 0-0
                                                              .000
                                                                                      0
 3
       Sep 7
                           at Albright
                                           T, 2-2
                                                     3
                                                           6
                                                              .333
                                                                       3
                                                                                 1
                                                                                      0
      Sep 10
                            at Cabrini
                                           L, 1-0
                                                              .000
                                                                                      0
 4
                                                     0
                                                          3
                                                                       8
                                                                            1
                                                                                 1
                                           L, 2-0
 5
      Sep 14
                      at King's (Pa.)
                                                     0
                                                           3
                                                               .000
                                                                       5
                                                                            2
                                                                                 0
                                                                                      0
 6
      Sep 17
                                at Hood
                                           L, 1-0
                                                     0
                                                          5
                                                               .000
                                                                       3
                                                                            3
                                                                                 1
                                                                                      0
 7
                                           W_{,} 2-1
      Sep 20
                       Pitt.-Bradford
                                                     2
                                                         28
                                                               .071
                                                                       3
                                                                            6
                                                                                 0
                                                                                      0
 8
      Sep 24
                               Moravian
                                           L, 1-0
                                                          7
                                                              .000
                                                                            6
                                                                                 0
                                                                                      0
 9
      Sep 28
                          Penn College
                                           W_{,} 1-0
                                                     1
                                                         13
                                                              .077
                                                                            4
                                                                                 1
                                                                                      0
 10
       Oct 1
                     at Elizabethtown
                                           L, 3-0
                                                     0
                                                           3
                                                              .000
                                                                      11
                                                                            3
                                                                                 0
                                                                                      0
 11
       Oct 5
                 at Pitt.-Greensburg
                                           T, 0-0
                                                     0
                                                           1
                                                              .000
                                                                       4
                                                                            1
                                                                                 0
 12
       Oct 8
                           at Catholic
                                           L, 4-0
                                                     0
                                                          2
                                                              .000
                                                                       6
                                                                            2
                                                                                 0
                                                                                      0
 13
     Oct 12
                                                          5
                                                                            1
                           Susquehanna
                                           L, 4-0
                                                     0
                                                              .000
                                                                       8
                                                                                 0
                                                                                      0
 14
      Oct 15
                                Goucher
                                           T, 0-0
                                                              .000
                                                                       2
                                                                            2
 15
      Oct 22
                                               2-1
                                                              .200
                                                                                      0
                                    Drew
                                           L,
                                                     0
                                                          5
                                                                      10
                                                                            1
                                                                                 1
 16
     Oct 26
                               Lycoming
                                               2-1
                                                                       8
                                                                            4
                                                                                 0
                                                                                      0
                                           L,
                                                     1
                                                           3
                                                              .333
                                                                       7
 17
      Oct 29
                           at Scranton
                                           L,
                                               3-0
                                                     0
                                                           0
                                                                            0
                                                                                 0
                                                                                      0,
      Unnamed: 0
                           sh
                                g
                                     gfa
                                           a pts
                                                                  sh%
                                                                        shpg
                                                                                ck
                                                                                      sv so y
                     gp
                                                    ga
                                                           gaa
С
 0
                     18
                          106
                                    0.44
                                               24
                                                    30
                                                         1.67
                                                                 .075
                                                                          5.9
                                                                                55
                                                                                     103
            Total
                                            8
5
 1
      Conference
                      7
                           26
                                1
                                    0.14
                                           0
                                                2
                                                    17
                                                         2.43
                                                                 .038
                                                                          3.7
                                                                                15
                                                                                      48
                                                                                           1
```

```
2
                                0.00
     Exhibition
                                            0
                                                                   0.0
 3
             NaN
 4
                    9
                        78
                                           17
                                                           .077
                                                                        35
                                                                                  3
            Home
                                0.67
                                       5
                                               12
                                                    1.33
                                                                   8.7
                                                                              48
2
 5
                         28
                                0.22
                                            7
            Away
                    9
                             2
                                       3
                                               18
                                                    2.00
                                                           .071
                                                                   3.1
                                                                        20
                                                                              55
                                                                                  1
3
 6
        Neutral
                                 0.00
                                            0
                                                                   0.0
 7
             NaN
 8
            Wins
                    2
                         41
                             3
                                1.50
                                       3
                                            9
                                                1
                                                    0.50
                                                           .073
                                                                  20.5
                                                                        10
                                                                               7
                                                                                  1
1
 9
          Losses
                   12
                         49
                             3
                                0.25
                                       2
                                            8
                                               27
                                                    2.25
                                                           .061
                                                                   4.1
                                                                        33
                                                                              81
                                                                                  0
3
 10
             NaN
                                                                                  2
 11
      September
                   10
                         83
                                0.60
                                       7
                                           19
                                               12
                                                    1.20
                                                           .072
                                                                   8.3
                                                                        41
                                                                              47
4
 12
         October
                        23
                                0.25
                                            5
                                               18
                                                    2.25
                                                           .087
                                                                   2.9
                                                                        14
                                                                              56
                                                                                  2
                    8
                             2
                                       1
1
    rc
 0
     0
     0
 1
 2
 3
 4
     0
 5
     0
 6
 7
 8
     0
 9
     0
 10
 11
     0
 12
     0
                             Opponent
                                         Score
                                                 Attend
       Date
 0
      Sep 1
                              Chatham L, 2-1
                                                     120
 1
      Sep 3
              at
                   Westminster (Pa.)
                                        L, 2-0
                                                     111
 2
      Sep 4
                    Penn St.-Altoona
                                        T, 0-0
                                                     134
 3
      Sep 7
                                                      76
                        at Albright
                                        T, 2-2
                                                      92
 4
     Sep 10
                         at Cabrini
                                        L, 1-0
 5
     Sep 14
                    at King's (Pa.)
                                        L, 2-0
                                                     100
     Sep 17
                                        L, 1-0
                                                     150
 6
                             at Hood
 7
                                        W_{,} 2-1
                                                     178
     Sep 20
                      Pitt.-Bradford
 8
     Sep 24
                             Moravian L, 1-0
                                                     257
 9
                        Penn College
                                        W, 1-0
     Sep 28
                                                     215
 10
      Oct 1
                   at Elizabethtown
                                       L, 3-0
                                                     110
 11
      Oct 5
                   Pitt.-Greensburg
                                        T, 0-0
                                                     103
      Oct 8
 12
                        at Catholic
                                        L, 4-0
                                                     155
 13
     Oct 12
                          Susquehanna
                                        L, 4-0
                                                     197
     Oct 15
 14
                              Goucher
                                        T_{,} 0-0
                                                     179
 15
     Oct 22
                                                     249
                                 Drew L, 2-1
                                        L, 2-1
 16
     Oct 26
                             Lycoming
                                                     101
 17
     Oct 29
                        at Scranton
                                        L, 3-0
                                                     317]
#summary=jcws[0]
#summary
#result=jcws[1]
```

```
#summary
#result=jcws[1]
#result
#stats=jcws[2]
#stats
#player=jcws[3]
```

In [30]:

```
#player
#GK=jcws[4]
#player_repeat=jcws[5]
#table
#gk repeat=jcws[6]
#table
#player_repeat=jcws[7]
#table
#gk_repeat=jcws[8]
#table
#player repeat=jcws[9]
#table
#gk repeat=jcws[10]
#table
#games=jcws[11]
#games
#split_stats=jcws[12]
#split stats
#attendance=jcws[13]
#attendance
```

In [31]: #Pick two of the longer tables, one by player and one by match/game to compl
 player=jcws[3]
 player

Out[31]:

	No.	Name	Yr	Pos	gp	gs	gpg	a/g	pts/g	sh/g	sh%	sog/g	sog%
0	0.0	Julia Lane	So.	GK	3	3	.00	.00	.00	.00	-	.00	-
1	0.0	Cati Besch	Sr.	GK	8	8	.00	.00	.00	.00	-	.00	-
2	2.0	Mia Gianni	Fr.	NaN	15	3	.00	.00	.00	.00	-	.00	-
3	4.0	Ashley McWilliams	Jr.	D	18	18	.00	.17	.17	.56	.000	.11	.200
4	5.0	Breanne G Spencer	Fr.	NaN	7	0	.00	.00	.00	.00	-	.00	-
5	7.0	Lina Rahman	Jr.	F	18	7	.00	.00	.00	.11	.000	.06	.500
6	8.0	Daniela Scipioni	So.	М	18	7	.00	.00	.00	.22	.000	.00	.000
7	9.0	Gillian Dell	So.	D	14	13	.00	.00	.00	.57	.000	.21	.375
8	10.0	Jordan Groves	Fr.	NaN	15	1	.00	.00	.00	.07	.000	.00	.000
9	11.0	Amelia Yordy	Fr.	NaN	18	6	.11	.00	.22	.67	.167	.44	.667
10	12.0	Savanna Murray	Fr.	NaN	18	5	.06	.00	.11	.61	.091	.28	.455
11	13.0	Brooke Jordan	Jr.	NaN	12	5	.00	.00	.00	.08	.000	.00	.000
12	14.0	Mariah McDonald	Jr.	D	15	13	.00	.07	.07	.53	.000	.20	.375
13	15.0	Megan McConnell	Jr.	D	14	7	.00	.00	.00	.00	-	.00	-
14	16.0	Kara Mette	Jr.	M/D	11	3	.00	.00	.00	.18	.000	.18	1.000
15	17.0	Alyssa Bui	So.	М	18	14	.11	.06	.28	1.06	.105	.28	.263
16	18.0	Colleen O'Brien	Sr.	М	18	16	.06	.11	.22	.72	.077	.61	.846
17	19.0	Sydney Hunsinger	Fr.	NaN	16	5	.00	.00	.00	.00	-	.00	-
18	20.0	Emma Greggo	So.	F	18	9	.06	.00	.11	.50	.111	.22	.444
19	21.0	Helen Chavez	Sr.	М	15	12	.07	.07	.20	.33	.200	.20	.600
20	22.0	Lydia Hiller	Jr.	D	13	11	.00	.00	.00	.08	.000	.08	1.000
21	23.0	Emma Mumau	Jr.	D	1	1	.00	.00	.00	.00	-	.00	-
22	24.0	Alexa Neiderer	Sr.	D	17	15	.00	.00	.00	.00	-	.00	-
23	30.0	Aleya Eisenberg	So.	M/D	17	7	.00	.00	.00	.00	-	.00	-
24	32.0	Avery Zales	Jr.	GK	8	7	.00	.00	.00	.00	-	.00	-
25	42.0	Brooke Hinkle	So.	GK	-	-	-	-	-	-	-	-	-
26	56.0	Hayden Thompson	Sr.	GK	-	-	-	-	-	-	-	-	_
27	NaN	Totals	NaN	NaN	18	18	.44	.44	1.33	5.89	.075	2.67	.453
28	NaN	Opponent	NaN	NaN	18	18	.44	1.17	4.50	13.44	.124	7.56	.562

In [32]: games=jcws[11]
 games

Out[32]:

	Date	Opponent	Score	а	sh	sh%	sv	ck	ус	rc
0	Sep 1	Chatham	L, 2-1	1	8	.125	3	7	0	0
1	Sep 3	at Westminster (Pa.)	L, 2-0	0	5	.000	8	3	0	0
2	Sep 4	Penn StAltoona	T, 0-0	0	5	.000	6	4	0	0
3	Sep 7	at Albright	T, 2-2	3	6	.333	3	5	1	0
4	Sep 10	at Cabrini	L, 1-0	0	3	.000	8	1	1	0
5	Sep 14	at King's (Pa.)	L, 2-0	0	3	.000	5	2	0	0
6	Sep 17	at Hood	L, 1-0	0	5	.000	3	3	1	0
7	Sep 20	PittBradford	W, 2-1	2	28	.071	3	6	0	0
8	Sep 24	Moravian	L, 1-0	0	7	.000	4	6	0	0
9	Sep 28	Penn College	W, 1-0	1	13	.077	4	4	1	0
10	Oct 1	at Elizabethtown	L, 3-0	0	3	.000	11	3	0	0
11	Oct 5	at PittGreensburg	T, 0-0	0	1	.000	4	1	0	0
12	Oct 8	at Catholic	L, 4-0	0	2	.000	6	2	0	0
13	Oct 12	Susquehanna	L, 4-0	0	5	.000	8	1	0	0
14	Oct 15	Goucher	T, 0-0	0	4	.000	2	2	0	0
15	Oct 22	Drew	L, 2-1	0	5	.200	10	1	1	0
16	Oct 26	Lycoming	L, 2-1	1	3	.333	8	4	0	0
17	Oct 29	at Scranton	L, 3-0	0	0	-	7	0	0	0

In [33]: #Changing index to Date

games.index=games.Date
games

2/21/23, 9:48 AM

23, 9:48 AM				D	ataC	leanin	gProject				
Out[33]:		Date	Opponent	Score	а	sh	sh%	sv	ck	ус	rc
	Date										
	Sep 1	Sep 1	Chatham	L, 2-1	1	8	.125	3	7	0	0
	Sep 3	Sep 3	at Westminster (Pa.)	L, 2-0	0	5	.000	8	3	0	0
	Sep 4	Sep 4	Penn StAltoona	T, 0-0	0	5	.000	6	4	0	0
	Sep 7	Sep 7	at Albright	T, 2-2	3	6	.333	3	5	1	0
	Sep 10	Sep 10	at Cabrini	L, 1-0	0	3	.000	8	1	1	0
	Sep 14	Sep 14	at King's (Pa.)	L, 2-0	0	3	.000	5	2	0	0
	Sep 17	Sep 17	at Hood	L, 1-0	0	5	.000	3	3	1	0
	Sep 20	Sep 20	PittBradford	W, 2-1	0-0 0 5 .000 6 4 2-2 3 6 .333 3 5 1-0 0 3 .000 8 1 2-0 0 3 .000 5 2 1-0 0 5 .000 3 3 2-1 2 28 .071 3 6 1-0 0 7 .000 4 6 1-0 1 13 .077 4 4	0	0				
	Sep 24	Sep 24	Moravian	L, 1-0	0	7	.000	4	6	0	0
	Sep 28	Sep 28	Penn College	W, 1-0	1	13	.077	4	4	1	0
	Oct 1	Oct 1	at Elizabethtown	L, 3-0	0	3	.000	11	3	0	0

at Pitt.-Greensburg T, 0-0 0

at Catholic L, 4-0 0

Goucher T, 0-0 0

L, 2-1 0

L, 2-1 1

L, 3-0 0

Susquehanna L, 4-0 0

Drew

Lycoming

at Scranton

1 .000

5 .000

.000

.000

.200

.333

6 2 0 0

8

2 2 0 0

10

8 4

7 0 0 0

1 0 0

1

0

0 0

2

4

5

3

0

In [34]: #Dropping Date column games=games.drop(columns=["Date"]) games

Oct 5

Oct 8

Oct 12

Oct 15

Oct 29

Oct 22 Oct 22

Oct 26 Oct 26

Oct 5

Oct 8

Oct 12

Oct 15

Oct 29

Out[34]:

Sep 3 at Westminster (Pa.) Sep 4 Penn StAltoona Sep 7 at Albright		-	•	01170	•	•	, -	
Sep 3 at Westminster (Pa.) Sep 4 Penn StAltoona Sep 7 at Albright								
Sep 4 Penn StAltoona Sep 7 at Albright	L, 2-1	1	8	.125	3	7	0	0
Sep 7 at Albright	_, 2-0	0	5	.000	8	3	0	0
	Γ, 0-0	0	5	.000	6	4	0	0
Sep 10 at Cabrini	Г, 2-2	3	6	.333	3	5	1	0
	L, 1-0	0	3	.000	8	1	1	0
Sep 14 at King's (Pa.)	_, 2-0	0	3	.000	5	2	0	0
Sep 17 at Hood	L, 1-0	0	5	.000	3	3	1	0
Sep 20 PittBradford V	V, 2-1	2	28	.071	3	6	0	0
Sep 24 Moravian	L, 1-0	0	7	.000	4	6	0	0
Sep 28 Penn College V	V, 1-0	1	13	.077	4	4	1	0
Oct 1 at Elizabethtown l	_, 3-0	0	3	.000	11	3	0	0
Oct 5 at PittGreensburg	Γ, 0-0	0	1	.000	4	1	0	0
Oct 8 at Catholic L	-, 4-0	0	2	.000	6	2	0	0
Oct 12 Susquehanna L	-, 4-0	0	5	.000	8	1	0	0
Oct 15 Goucher	Γ, 0-0	0	4	.000	2	2	0	0
Oct 22 Drew	L, 2-1	0	5	000	40			_
Oct 26 Lycoming	L, 2-1		5	.200	10	1	1	0
Oct 29 at Scranton I	L, Z 1	1	3	.333	8	4	0	0

Opponent Score a sh sh% sv ck yc rc

In [35]: #Renaming all variables to be descrptive.
games=games.rename(columns={"a":"Assists","sh":"Shoot", "sh%": "Shoot percen
games

Out[35]:

:		Opponent	Score	Assists	Shoot	Shoot percentage	Save	Corner kick	Yellow card	Red card
	Date									
	Sep 1	Chatham	L, 2-1	1	8	.125	3	7	0	0
	Sep 3	at Westminster (Pa.)	L, 2-0	0	5	.000	8	3	0	0
	Sep 4	Penn St Altoona	T, 0-0	0	5	.000	6	4	0	0
	Sep 7	at Albright	T, 2-2	3	6	.333	3	5	1	0
	Sep 10	at Cabrini	L, 1-0	0	3	.000	8	1	1	0
	Sep 14	at King's (Pa.)	L, 2-0	0	3	.000	5	2	0	0
	Sep 17	at Hood	L, 1-0	0	5	.000	3	3	1	0
	Sep 20	PittBradford	W, 2- 1	2	28	.071	3	6	0	0
	Sep 24	Moravian	L, 1-0	0	7	.000	4	6	0	0
	Sep 28	Penn College	W, 1- 0	1	13	.077	4	4	1	0
	Oct 1	at Elizabethtown	L, 3-0	0	3	.000	11	3	0	0
	Oct 5	at Pitt Greensburg	T, 0-0	0	1	.000	4	1	0	0
	Oct 8	at Catholic	L, 4-0	0	2	.000	6	2	0	0
	Oct 12	Susquehanna	L, 4-0	0	5	.000	8	1	0	0
	Oct 15	Goucher	T, 0-0	0	4	.000	2	2	0	0
	Oct 22	Drew	L, 2-1	0	5	.200	10	1	1	0
	Oct 26	Lycoming	L, 2-1	1	3	.333	8	4	0	0
	Oct 29	at Scranton	L, 3-0	0	0	-	7	0	0	0

In [36]: #Replacing - as NaN.

import numpy as np

games=games.replace("-", np.nan)

games

Out[36]:

		Opponent	Score	Assists	Shoot	Shoot percentage	Save	Corner kick	Yellow card	Red card
	Date									
	Sep 1	Chatham	L, 2-1	1	8	.125	3	7	0	0
	Sep 3	at Westminster (Pa.)	L, 2-0	0	5	.000	8	3	0	0
	Sep 4	Penn St Altoona	T, 0-0	0	5	.000	6	4	0	0
	Sep 7	at Albright	T, 2-2	3	6	.333	3	5	1	0
	Sep 10	at Cabrini	L, 1-0	0	3	.000	8	1	1	0
	Sep 14	at King's (Pa.)	L, 2-0	0	3	.000	5	2	0	0
	Sep 17	at Hood	L, 1-0	0	5	.000	3	3	1	0
	Sep 20	PittBradford	W, 2- 1	2	28	.071	3	6	0	0
	Sep 24	Moravian	L, 1-0	0	7	.000	4	6	0	0
	Sep 28	Penn College	W, 1- 0	1	13	.077	4	4	1	0
	Oct 1	at Elizabethtown	L, 3-0	0	3	.000	11	3	0	0
	Oct 5	at Pitt Greensburg	T, 0-0	0	1	.000	4	1	0	0
	Oct 8	at Catholic	L, 4-0	0	2	.000	6	2	0	0
	Oct 12	Susquehanna	L, 4-0	0	5	.000	8	1	0	0
	Oct 15	Goucher	T, 0-0	0	4	.000	2	2	0	0
	Oct 22	Drew	L, 2-1	0	5	.200	10	1	1	0
	Oct 26	Lycoming	L, 2-1	1	3	.333	8	4	0	0
	Oct 29	at Scranton	L, 3-0	0	0	NaN	7	0	0	0

In [37]: #Summary statistics of the games table.
gm=games.describe(include="all")
gm

Out[37]:

	Opponent	Score	Assists	Shoot	Shoot percentage	Save	Corner kick	Yell ca
cou	nt 18	18	18.000000	18.000000	17	18.000000	18.000000	18.0000
uniqu	ie 18	9	NaN	NaN	6	NaN	NaN	N
to	p Chatham	L, 2-1	NaN	NaN	.000	NaN	NaN	Ν
fre	eq 1	3	NaN	NaN	11	NaN	NaN	N
mea	an NaN	NaN	0.444444	5.888889	NaN	5.722222	3.055556	0.2777
st	t d NaN	NaN	0.855585	6.229804	NaN	2.674620	2.013841	0.4608
m	in NaN	NaN	0.000000	0.000000	NaN	2.000000	0.000000	0.0000
25	% NaN	NaN	0.000000	3.000000	NaN	3.250000	1.250000	0.0000
50	% NaN	NaN	0.000000	5.000000	NaN	5.500000	3.000000	0.0000
75	% NaN	NaN	0.750000	5.750000	NaN	8.000000	4.000000	0.7500
ma	ax NaN	NaN	3.000000	28.000000	NaN	11.000000	7.000000	1.0000

```
In [38]: #Summary statistics of the games table.
gm.Opponent.value_counts()

Out[38]: 18     2
Chatham    1
          1
          Name: Opponent, dtype: int64

In [39]: #Exporting dataframe ot csv
games.to_csv("games.csv")
```

Original Dataset

Date- Data of games

Opponents- Other teams played with. Some information where Juniata played

Score- Score records. Winning score first

a- Assists. How many assists were there

sh- Shoots. Total shoot by Juniata players

sh%- Shoot percentage. Proportion of how many scores with total shoots

sv- Saves. Times goal keeper saved score

ck- Corner kick. How many corner kicks are there

yc- Yeloow card. How many yellow cards were given in the game

rc- Red card. How many red cards were given in the game

Cleaned Dataset

Date- Date of games

Opponents- Other teams played with. Some information where Juniata played

Assists- How many assists were there

Shoots- Total shoot by Juniata players

Shoot percentage- Proportion of how many scores with total shoots

Save- Times goal keeper saved score

Corner kick- How many corner kicks are there

Yeloow card- How many yellow cards were given in the game

Red card- How many red cards were given in the game

Make a description for your pretend nontechnical boss on what you have done and where you are in the data importation process

We have looked up the Juniata women's soccer team(JCWS) statistics, and chose two tables that describes players and games. Players table shows the summary of players data such as position, game appeared, or goals. For the games table, it tells the detail of the game JCWS played against other teams. Some variables are shotened, and it was hard to understand the meanings of the data. Instead, we have renamed the variables to make easy to read the record. After that, we see some values are not number, so we made the value as NaN(Not a Number). We showed the summary statistics so that we can make an analysis using those data in the future.

Make a description for your data scientist colleague on what you have done and where you are in the data importation process

We have looked up the Juniata women's soccer team(JCWS) statistics, and chose two tables that describes players and games. Players table shows the summary of players data such as position, game appeared, or goals. For the games table, it tells the detail of the game JCWS played against other teams. First, we renamed the index as players and date using .index function so that we can see the which players and date easily. The variables that describes the data were abbreviated so we use .rename function to change the actual names in the dataframe. Some values are categorised as '-', so we used .replace function and numpy.nan to fill all '-' to transform NaN. After that, we looked at the summary statitistics using .describe so that we can do an analysis of the JCWS players and how the games went.

In []: