

Practice Problem 2

1. SQL

Use the Table “Players.xlsx”, create the following queries.

- 1) Find the number of unique colleges, and name it as “num_college”.

- 2) Find top 100 rows in which the players’ weight is less than or equal to 130, and sort by college with descending order, then weight with ascending order.

- 3) Find rows in which college’s name is with a pattern such that “university of ...”.

- 4) Find all records of players whose born year is the same with Michael Jordan’s born year.

- 5) Find the maximum, minimum, summation, average of the column height.

2. Excel – Columns Split and Combination

Name
Curly Armstrong
Cliff Barker
Leo Barnhorst
Ed Bartels
Ralph Beard
Gene Berce
Charlie Black
Nelson Bobb
Jake Bornheimer
Vince Boryla
Don Boven
Harry Boykoff
Joe Bradley
Bob Brannum
Carl Braun
Frankie Brian
Price Brookfield

Split this column to two columns as followings:

First Name	Last Name
Curly	Armstrong
Cliff	Barker
Leo	Barnhorst
Ed	Bartels
Ralph	Beard
Gene	Berce
Charlie	Black
Nelson	Bobb
Jake	Bornheimer
Vince	Boryla
Don	Boven
Harry	Boykoff
Joe	Bradley
Bob	Brannum
Carl	Braun
Frankie	Brian
Price	Brookfield

Next, combine these two columns into one column:

Name
Curly Armstrong
Cliff Barker
Leo Barnhorst
Ed Bartels
Ralph Beard
Gene Berce
Charlie Black
Nelson Bobb
Jake Bornheimer
Vince Boryla
Don Boven
Harry Boykoff
Joe Bradley
Bob Brannum
Carl Braun
Frankie Brian
Price Brookfield

3 SQL – Delete from, update

- 1) Revise the college of “Ray Allen” to “University of Connecticut”
- 2) Remove rows in which the college is beginning with “Syracuse”
- 3) Remove all rows
- 4) Update all college to “university of connecticut”.