

Syed Noman Kazmi
BigData Part 1

>>>

```

    first    last
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
4      Dan   Quirk
5  Alexander Wald
    isbn
0  0135404673    Intro to Python for CS and DS      1    2020
1  0132151006    Internet & WWW How to Program      5    2012
2  0134743350          Java How to Program      11    2018
3  0133976890          C How to Program           8    2016
4  0133406954  Visual Basic 2012 How to Program      6    2014
5  0134601548          Visual C# How to Program      6    2017
6  0136151574          Visual C++ How to Program     2    2008
7  0134448235          C++ How to Program      10    2017
8  0134444302          Android How to Program        3    2017
9  0134289366          Android 6 for Programmers     3    2016
    id      isbn
0  1  0134289366
1  2  0134289366
2  5  0134289366
3  1  0135404673
4  2  0135404673
    first    last
0      Paul  Deitel
1      Harvey Deitel
2      Abbey Deitel
3      Dan   Quirk
4  Alexander Wald
          title  edition  copyright
0  Intro to Python for CS and DS      1    2020
1          Java How to Program      11    2018
2      Visual C# How to Program        6    2017
3          C++ How to Program      10    2017
4      Android How to Program          3    2017
    first    last
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
this
    first    last
id
3  Abbey  Deitel
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	title
0	Android 6 for Programmers
1	Android How to Program
2	C How to Program
3	C++ How to Program
4	Internet & WWW How to Program
5	Intro to Python for CS and DS
6	Java How to Program
7	Visual Basic 2012 How to Program
8	Visual C# How to Program
9	Visual C++ How to Program

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id		
3	Abbey	Deitel
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2	Harvey	Deitel
1	Paul	Deitel

	isbn	title	edition	copyright
0	0134444302	Android How to Program	3	2017
1	0133976890	C How to Program	8	2016
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	first	last	isbn
0	Abbey	Deitel	0132151006
1	Abbey	Deitel	0133406954
2	Harvey	Deitel	0134289366
3	Harvey	Deitel	0135404673
4	Harvey	Deitel	0132151006

	first	last
id		
1	Paul	Deitel
2	Harvey	Deitel
3	Abbey	Deitel
4	Dan	Quirk
5	Alexander	Wald
6	Sue	Red
1		

```
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
4      Dan   Quirk
5  Alexander Wald
6      Sue   Black
```

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1
      first  last
```

```
id
1      Paul  Deitel
2      Harvey Deitel
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5  Alexander Wald
>>>
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