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## Delete duplicate rows with the same value in all columns in pandas

Ask Question



I have a dataframe with about a half a million rows. As I could see, there are plenty of duplicate rows, so how can I drop duplicate rows that have the same value in all of the columns (about 80 columns), not just one?



df:

| period_start_time   | id  | val1 | val2 | val3 |
|---------------------|-----|------|------|------|
| 06.13.2017 22:00:00 | i53 | 32   | 2    | 10   |
| 06.13.2017 22:00:00 | i32 | 32   | 2    | 10   |
| 06.13.2017 22:00:00 | i32 | 4    | 2    | 8    |
| 06.13.2017 22:00:00 | i32 | 4    | 2    | 8    |
| 06.13.2017 22:00:00 | i32 | 4    | 2    | 8    |
| 06.13.2017 22:00:00 | i20 | 7    | 7    | 22   |
| 06.13.2017 22:00:00 | i20 | 7    | 7    | 22   |

## Desired output:

| period_start_time   | id  | val1 | val2 | val3 |
|---------------------|-----|------|------|------|
| 06.13.2017 22:00:00 | i53 | 32   | 2    | 10   |
| 06.13.2017 22:00:00 | i32 | 32   | 2    | 10   |
| 06.13.2017 22:00:00 | i32 | 4    | 2    | 8    |
| 06.13.2017 22:00:00 | i20 | 7    | 7    | 22   |

python

pandas

dataframe

asked Jun 26 '17 at 12:33



did you try calling

df.drop duplicates() ? −

EdChum Jun 26 '17 at 12:35 ✓

## 1 Answer

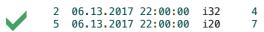


Use drop\_duplicates:

4

df = df.drop\_duplicates()

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answered Jun 26 '17 at 12:35



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