

proc????

[PROC???? - SAS® Help Center](#)

- [proc sort?????](#)
- [proc transpose?????](#)
- [proc import?????](#)
- [proc export?????](#)
- [proc univariate?????](#)

proc sort???????

- [proc sort](#) - SAS® Help Center

????

```
proc sort data=sashelp.cars out=work.cars_sorted;  
by Model;  
run;
```

?????

```
proc sort ;
```

data=		
out=		
nodupkey	-	2

????????????

```
proc sort ; run;
```

by		descending

proc transpose???????

- [proc transpose](#) - SAS® Help Center

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```
proc sort data=sashelp.cars out=work.cars_sorted;
by Model;
run;

proc transpose data=work.cars_sorted out=work.cars;
by Model;
run;
```

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```
proc transpose ;
```

data=		
out=		
prefix=		
suffix=		

??????????????

```
proc transpose ; run;
```

by		 by
var		
id		
idlabel		

proc import???????

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```
proc import datafile='C:\SAS_Study\test.csv' out=work.test dbms=csv replace;
  getnames = yes;
  datarow = 2;
run;
```

```
filename input_data = 'C:\SAS_Study\input_data.txt'
proc import datafile=input_data out=work.test dbms=tab replace;
  getnames = yes;
run;
```

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```
proc import ; ;
```

datafile=	or	filename ()
out=		
dbms=		xlsx / csv / tab / dlm(delimiter)
replace	-	

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```
proc import ; run;
```

getnames=	yes / no	
sheet=	Excel	dbms=xlsx

proc export???????

- [PROC EXPORT Statement](#)
 - [proc export statement - SAS® Help Center](#)

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```
proc export data=sashelp.class outfile='C:\SAS_Study\class.csv' dbms=csv replace;
run;
```

```
proc export data=sashelp.class outfile='C:\SAS_Study\class.xlsx' dbms=xlsx replace;
    sheet = class;
run;
```

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```
proc export <data> <outfile>;
```

<data>	<outfile>	<options>
data=	<data>	<dbms>
outfile=	<filename> or <filepath>	<filename> filename <filename> <path>
dbms=	<dbms>	<dbms> xlsx / csv / tab / dlm(delimiter <delimiter>)
replace	-	<overwrite> <overwrite>

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```
proc export <data>; <options> run; <filename>
```

<options>	<options>	<options>
putnames=	yes / no	<overwrite> <overwrite> yes<overwrite>
sheet=	Excel<sheet>	<dbms> dbms=xlsx <dbms>

proc univariate???????

- [PROC UNIVARIATE](#)

- [univariate](#) - SAS® Help Center

```
proc univariate data=sashelp.class normal plot;  
    var height;  
    output out=work.result n=n mean=mean std=std median=median;  
run;
```