

# A WEBINAR ON WHY AND HOW TO COMMAND SAS



# Webinar Content

01

10 Reasons to  
Learn SAS

02

Opportunities for  
the SAS  
Programmers

03

Basic Statistical  
tools

04

Basic  
Visualization  
Tools using SAS

05

Export Report  
from SAS

06

Q & A

# 10 REASONS TO LEARN SAS



# Why SAS? 10 Reasons...

SAS Jobs

4<sup>th</sup> Generation  
Language

File Readability  
(*Excel, csv, SPSS,  
Stata, Systat,  
Minitab etc.*)

Formatting

Data Analysis

SAS Network  
(*SAS User  
Community*)

SAS Solutions  
(Proven Intelligent  
Architecture)

Flexible  
(*Keeps on updating*)

Efficient Customer  
Support

Security

# Average Salary Package for SAS Programmer - India



Source: <https://in.indeed.com/career/sas-programmer/salaries>

# Jobs available

## Jobs similar to SAS Programmer in India

<b>Statistical Analyst</b> 1675 openings  Average salary India <b>₹24,901</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>	<b>Programmer</b> 5235 openings  Average salary India <b>₹21,511</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>	<b>Principal</b> 4191 openings  Average salary India <b>₹42,986</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>
<b>Biostatistician</b> 62 openings  Average salary India <b>₹25,477</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>	<b>Statistician</b> 201 openings  Average salary India <b>₹25,565</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>	<b>Data Analyst</b> 9713 openings  Average salary India <b>₹30,891</b> per month  <a href="#">View salaries</a> <a href="#">Job openings</a>

# Average Salary Package for SAS Programmer - India

[Products](#)[Solutions](#)[Why Payscale?](#)[Research & Insights](#)[Compensation Trends](#)[For Individuals](#)[Log In](#)[India](#) / [Job](#) / [SAS Programmer](#)

## Average SAS Programmer Salary in India

[Pay](#)[Job Details](#)[Skills](#)[Job Listings](#)[Employers](#)[How should I pay?](#)[Price a Job](#)[What am I worth?](#)[Find market worth](#)

**₹577,958 / year** ▼

Avg. Base Salary (INR)



The average salary for an SAS Programmer is ₹577,958

Base Salary ⓘ

₹262k - ₹1m

Bonus

₹5k - ₹139k

Profit Sharing

₹2k - ₹252k

Total Pay ⓘ

₹279k - ₹1m

Based on 414 salary profiles (last updated Feb 11 2022)

Source: [https://www.payscale.com/research/IN/Job=SAS\\_Programmer/Salary](https://www.payscale.com/research/IN/Job=SAS_Programmer/Salary)

# SAS Programmer Salary and opportunities

glassdoor.co.in/Salaries/sas-programmer-salary-SRCH\_KO0,14\_IP2.htm

Apps Kano model exam... Acceptance Criteria... Attribute Gage R&... Six Sigma DMAIC P... Microsoft 365 Busin... What Does A Theat... Microsoft Teams vi... Reading



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Sas Programmer Salaries India

Overview Salaries Interviews Insights Career Path

Salaries in India

Location City or Metro Area Search Find a Specific Employer Employer's Name Search Sort: Popular

Company	Average Base Salary in (INR)	Range
 <b>Genpact</b> SAS Programmer 3.9 ★ 1 salaries See 1 salaries from all locations	About ₹5L - ₹5L	₹5L - ₹5L
 <b>ICICI Bank</b>		

Ads by Google

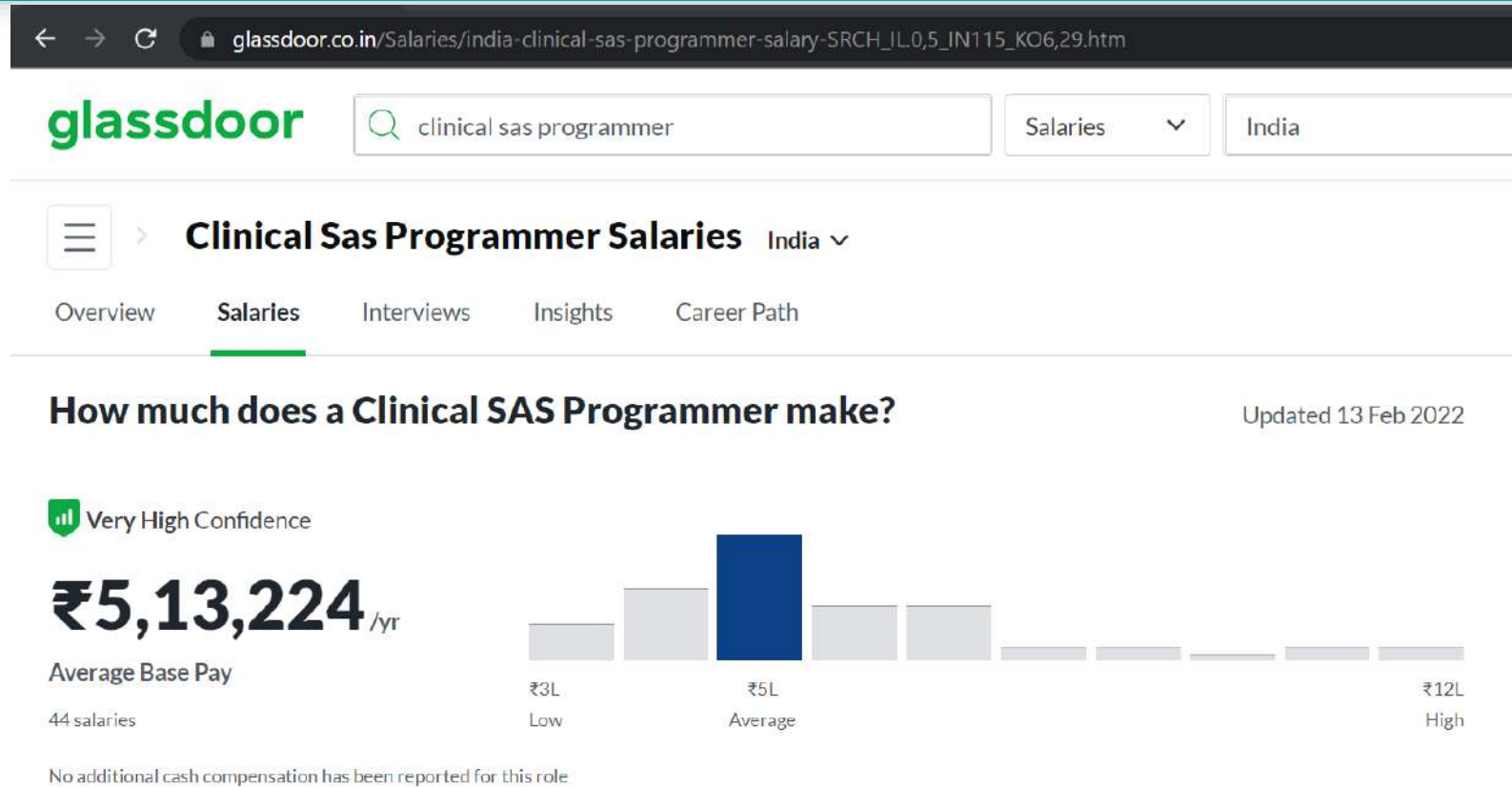
Stop seeing this ad

Why this ad? ⓘ

Source: [https://www.glassdoor.co.in/Salaries/sas-programmer-salary-SRCH\\_KO0,14\\_IP2.htm](https://www.glassdoor.co.in/Salaries/sas-programmer-salary-SRCH_KO0,14_IP2.htm)



# Clinical SAS Programmer Salary



**How much does a Clinical SAS Programmer make?** The national average salary for a Clinical SAS Programmer is ₹5,13,224 in India. Filter by location to see Clinical SAS Programmer salaries in your area. Salary estimates are based on 44 salaries submitted anonymously to Glassdoor by Clinical SAS Programmer employees.

Source: [https://www.glassdoor.co.in/Salaries/india-clinical-sas-programmer-salary-SRCH\\_IL.0,5\\_IN115\\_KO6,29.htm](https://www.glassdoor.co.in/Salaries/india-clinical-sas-programmer-salary-SRCH_IL.0,5_IN115_KO6,29.htm)

# Companies using SAS

91 of the top 100 companies on the 2020 Fortune 500® list use SAS®

**HONDA**

**LA KINGS**



**LOCKHEED MARTIN**

 **Nestlé**  
Good Food, Good Life

1-800-FLOWERS.COM, INC.



**HSBC** 

**DISCOVER**

 **PRIME**  
THERAPEUTICS®



**Office  
DEPOT**

Source: [https://www.sas.com/en\\_us/customers.html](https://www.sas.com/en_us/customers.html)

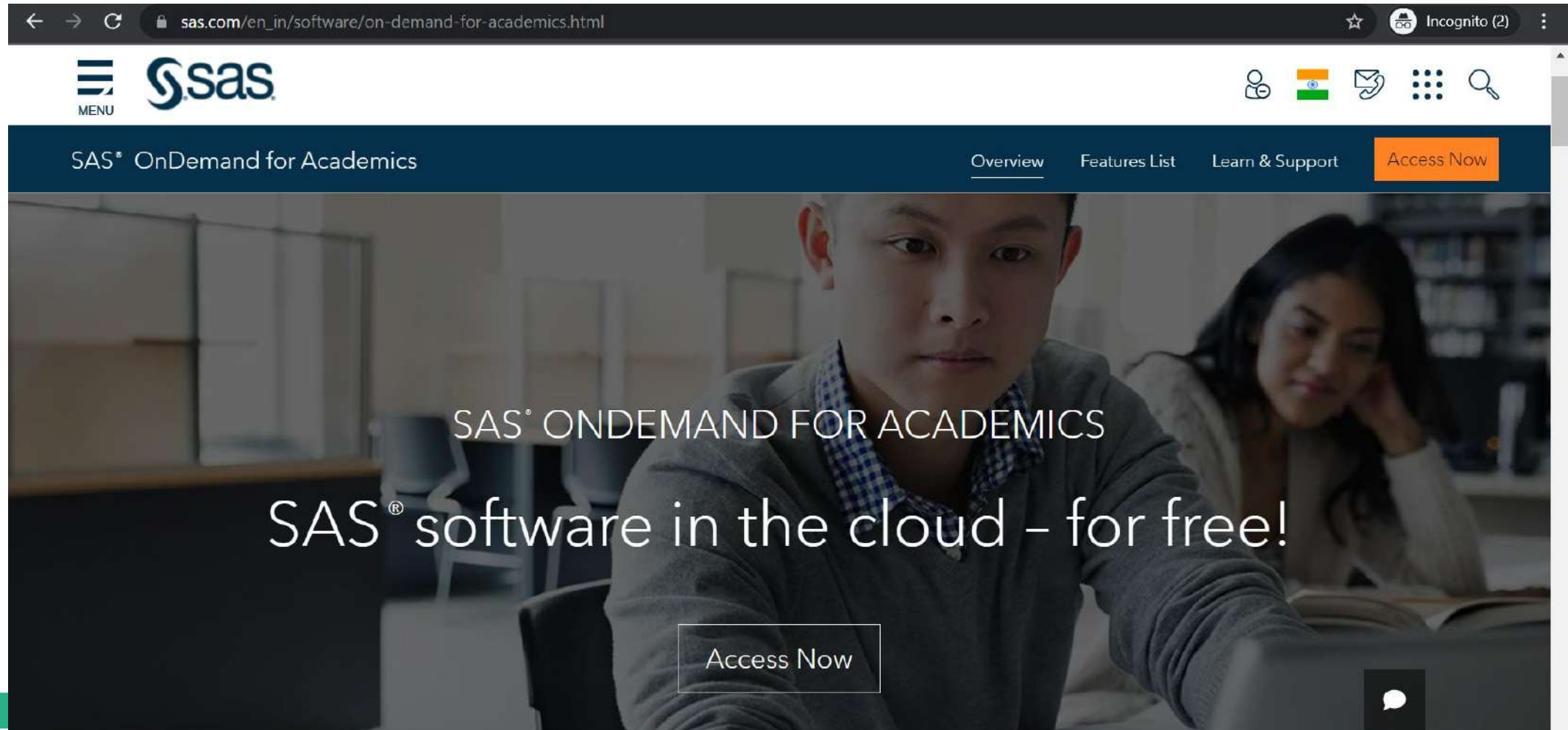
# WHAT IS SAS



# What is SAS?

- ❑ Developed in the early 1970s at North Carolina State University Originally intended for management and analysis of agricultural field experiments.
- ❑ The statistical software is SAS (Statistical Applications Software<sup>TM</sup>), a language which is used world-wide in Pharma industry, economics, sociology, political science, and biology, and in major universities, governments and private research organizations.
- ❑ The SAS language, a multi-purpose statistical package, is particularly useful for large data-set manipulations, data-set creations, and fast/simple statistical analysis.

# How to Use SAS on-Demand





ACCESS LINK: [https://www.sas.com/en\\_in/software/on-demand-for-academics.html](https://www.sas.com/en_in/software/on-demand-for-academics.html)

# How to Use SAS on-Demand

Notices

SAS® OnDemand for Academics  
Sign In

 SAS Profile email address or user ID

 Password

☐ Accept the terms of the [license](#) and the [terms of use and conditions](#).

Sign In

Forgot Password?

[Don't have a SAS Profile?](#)

[Frequently Asked Questions](#)

First Time Visitor?

Before you can register you will need to create a SAS Profile account. After you create your profile and receive e-mail validation, return to this page to register for SAS OnDemand for Academics.

Create Profile Cancel

## SAS Profile

Step 1 of 2: Tell us about yourself.

Preferred Language

First Name \*

Last Name \*

Email \*

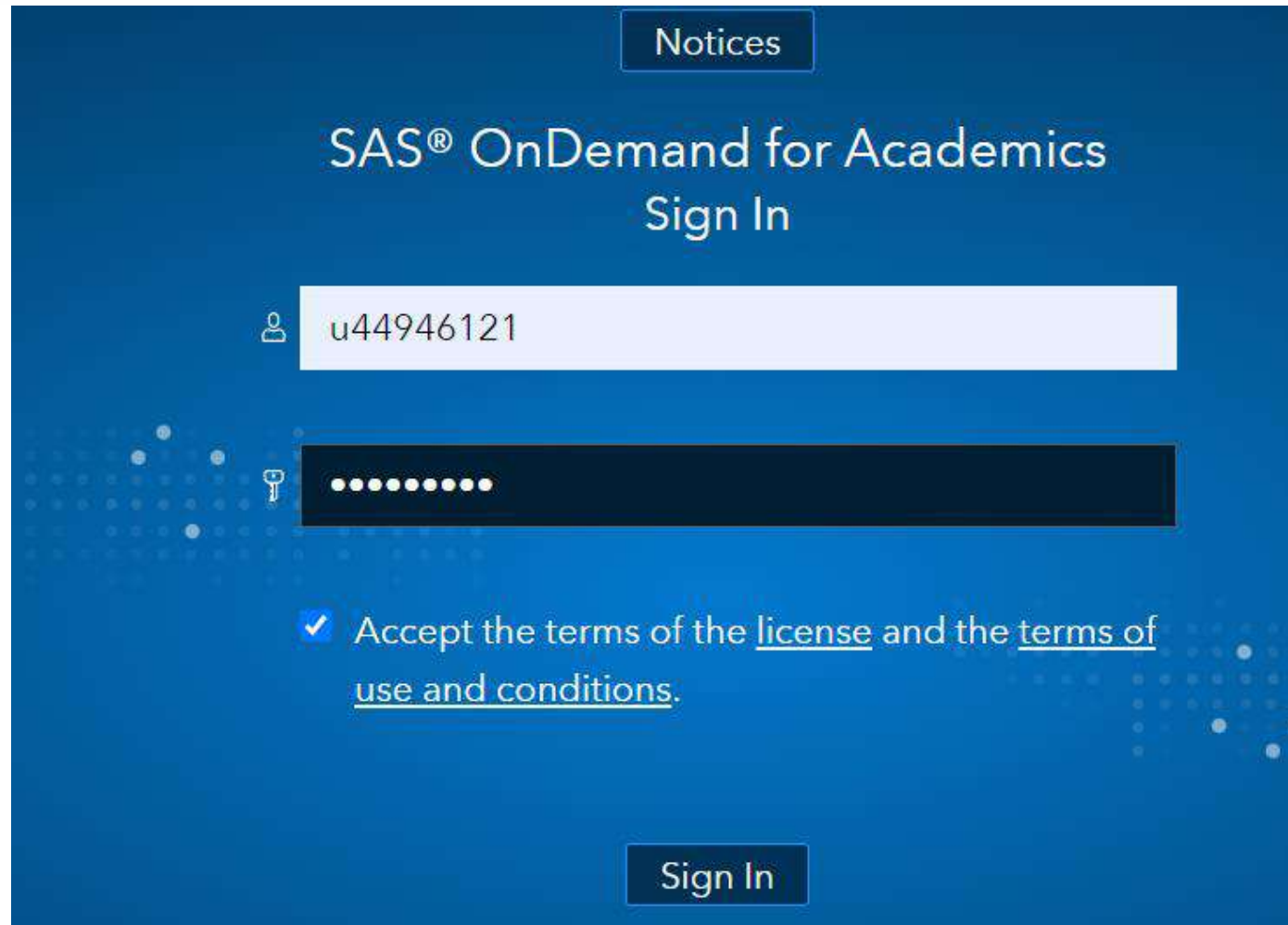
Country/Region \*

Affiliation With SAS \*

Organization/University \*


After clicking "Create profile," you will receive a verification email with instructions for setting your password and activating your profile.


# Login to SAS On-Demand



Notices

SAS® OnDemand for Academics  
Sign In

 u44946121

 .....

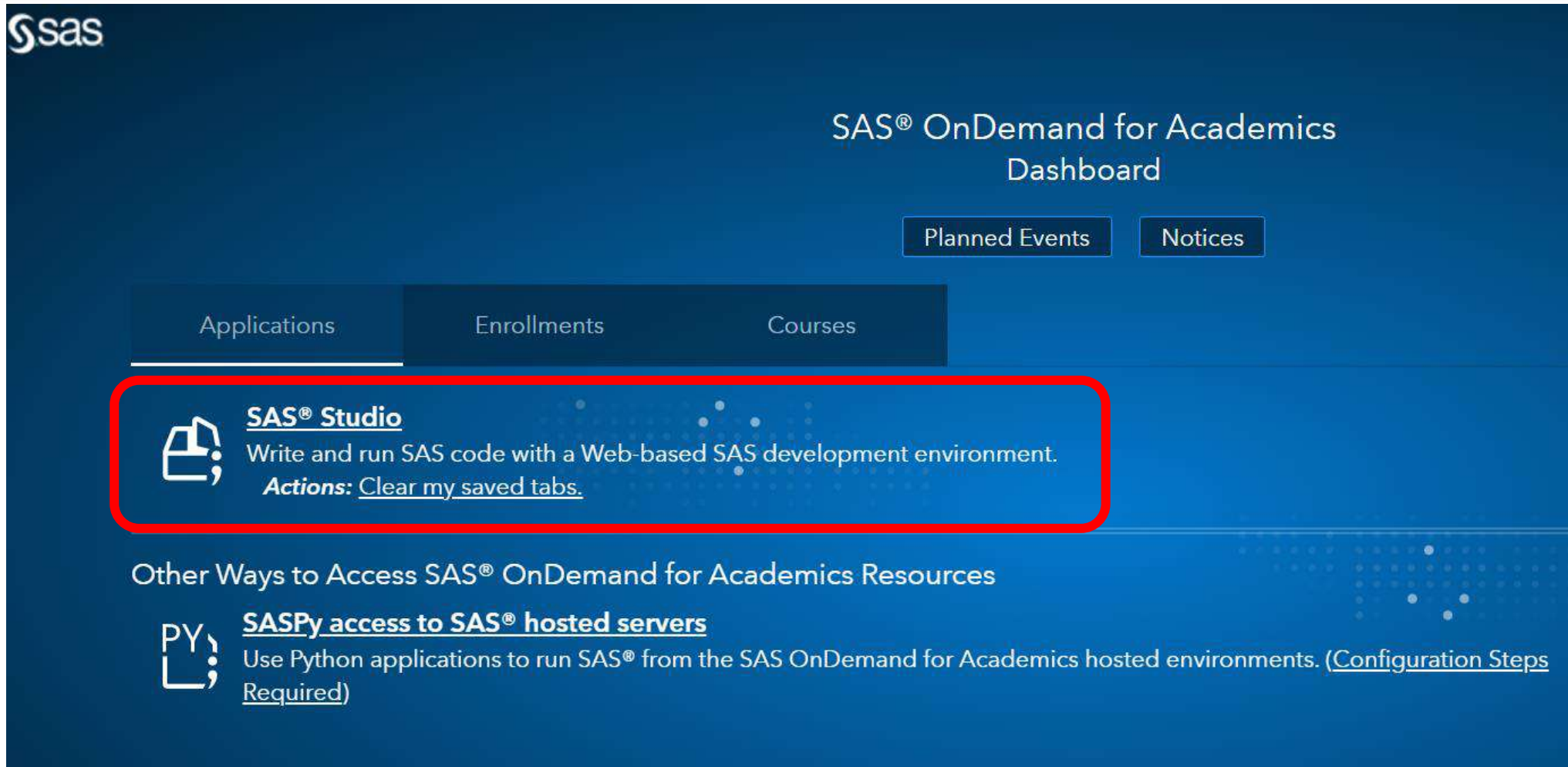
☒ Accept the terms of the [license](#) and the [terms of use and conditions](#).

Sign In

*Login with  
the credential  
you receive  
via email*



# Screen After Login



The screenshot shows the SAS OnDemand for Academics Dashboard. At the top left is the SAS logo. The title 'SAS® OnDemand for Academics Dashboard' is centered at the top. Below the title are two buttons: 'Planned Events' and 'Notices'. A navigation bar contains three tabs: 'Applications' (which is selected and underlined), 'Enrollments', and 'Courses'. Below the navigation bar, the 'SAS® Studio' option is highlighted with a red rounded rectangle. It includes an icon of a document with a magnifying glass, the text 'SAS® Studio', a description 'Write and run SAS code with a Web-based SAS development environment.', and an action link 'Clear my saved tabs.' Below this, the section 'Other Ways to Access SAS® OnDemand for Academics Resources' is shown. It features a Python icon (PY with a semicolon) and the text 'SASPy access to SAS® hosted servers', followed by a description 'Use Python applications to run SAS® from the SAS OnDemand for Academics hosted environments.' and a link '(Configuration Steps Required)'.

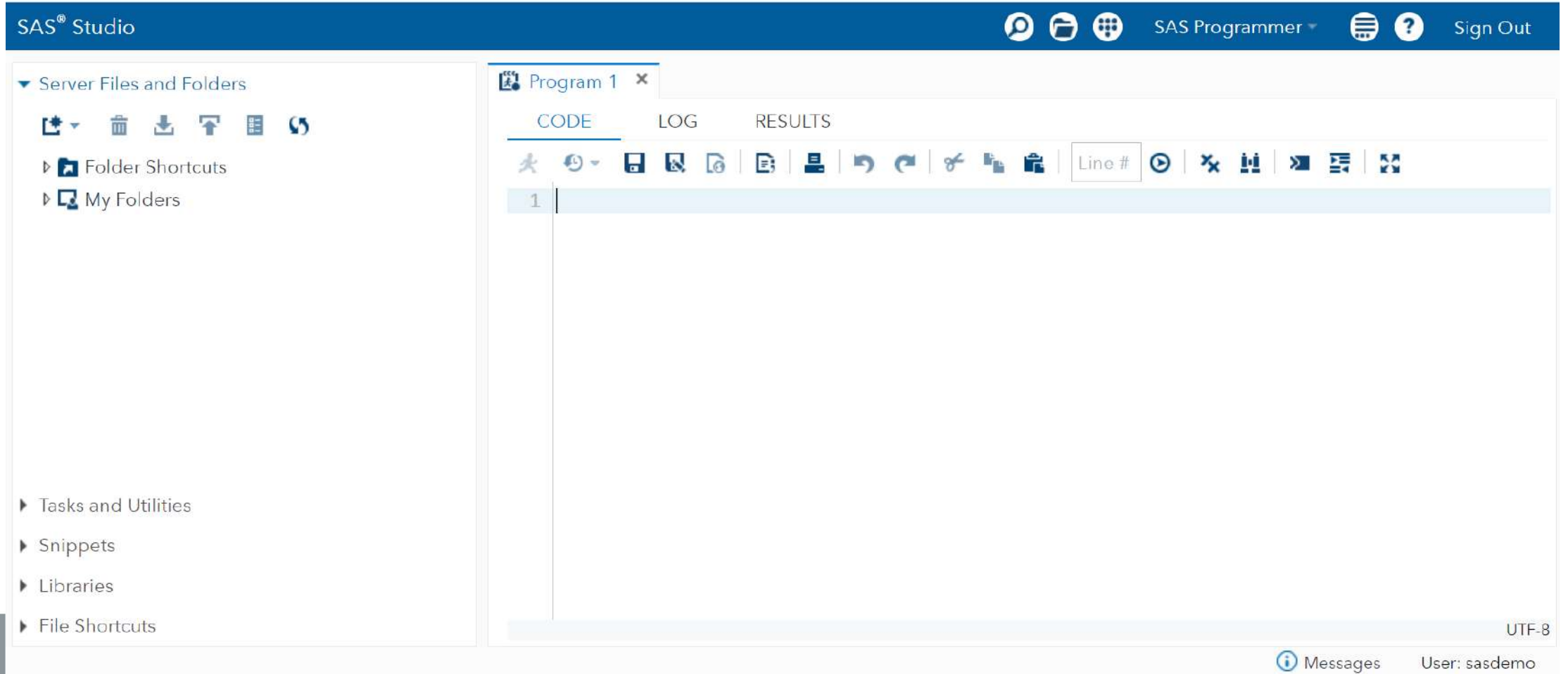
**SAS® Studio**  
Write and run SAS code with a Web-based SAS development environment.  
*Actions:* [Clear my saved tabs.](#)

Other Ways to Access SAS® OnDemand for Academics Resources

**SASPy access to SAS® hosted servers**  
Use Python applications to run SAS® from the SAS OnDemand for Academics hosted environments. ([Configuration Steps Required](#))



# Screen of SAS On-Demand



# BASIC STATISTICAL ANALYSIS

# Dataset

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product Container	Product Name	Product Base Margin	Region	State or Province	City	Postal Code	Order Date	Ship Date	Profit	Quantity ordered new	S
18606	Not Specified	0.01	2.88	0.5	2	Janice Fletcher	Regular Air	Corporate	Office Supplies	Labels	Small Box	Avery 49	0.36	Central	Illinois	Addison	60101	28-05-2012	30-05-2012	1.32	2	
20847	High	0.01	2.84	0.93	3	Bonnie Pottel	Express Air	Corporate	Office Supplies	Pens & Art	Wrap Bag	SANFORD LI	0.54	West	Washington	Anacortes	98221	07-07-2010	08-07-2010	4.56	4	
23086	Not Specified	0.03	6.68	6.15	3	Bonnie Pottel	Express Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1968	0.37	West	Washington	Anacortes	98221	27-07-2011	28-07-2011	-47.64	7	
23087	Not Specified	0.01	5.68	3.6	3	Bonnie Pottel	Regular Air	Corporate	Office Supplies	Scissors, R	Small Pack	Acme® Prefe	0.56	West	Washington	Anacortes	98221	27-07-2011	28-07-2011	-30.51	7	
23088	Not Specified	0	205.99	2.5	3	Bonnie Pottel	Express Air	Corporate	Technology	Telephone	Small Box	V70	0.59	West	Washington	Anacortes	98221	27-07-2011	27-07-2011	998.2023	8	1
23597	Medium	0.09	55.48	14.3	3	Bonnie Pottel	Express Air	Corporate	Office Supplies	Paper	Small Box	Xerox 194	0.37	West	Washington	Anacortes	98221	09-11-2011	11-11-2011	1388.052	37	2
25549	Low	0.08	120.97	26.3	3	Bonnie Pottel	Delivery Tr	Corporate	Technology	Office Mac	Jumbo Dru	Canon S750	0.38	West	Washington	Anacortes	98221	01-07-2013	08-07-2013	1001.445	12	1
20228	Not Specified	0.02	500.98	26	5	Ronnie Procter	Delivery Tr	Home Office	Furniture	Chairs & C	Jumbo Dru	Global Troy	0.6	West	California	San Gabriel	91776	13-12-2010	15-12-2010	4390.367	12	6
19483	Low	0.08	6.48	6.81	5	Ronnie Procter	Regular Air	Home Office	Office Supplies	Paper	Small Box	Xerox 1930	0.36	West	California	San Gabriel	91776	12-05-2012	21-05-2012	-141.26	18	
24782	High	0.01	90.24	0.99	6	Dwight Hwang	Regular Air	Home Office	Office Supplies	Appliances	Small Box	Kensington	0.56	West	California	San Jose	95123	26-05-2011	26-05-2011	1045.467	16	1
24563	Critical	0.07	6.48	6.6	6	Dwight Hwang	Regular Air	Home Office	Office Supplies	Paper	Small Box	Xerox 21	0.37	West	California	San Jose	95123	29-12-2012	31-12-2012	-13.86	4	
24564	Critical	0.01	4.84	0.71	6	Dwight Hwang	Regular Air	Home Office	Office Supplies	Pens & Art	Wrap Bag	*Staples* Hi	0.52	West	California	San Jose	95123	29-12-2012	31-12-2012	57.5805	17	
24565	Critical	0.1	85.99	0.99	6	Dwight Hwang	Regular Air	Home Office	Technology	Telephone	Wrap Bag	Accessory34	0.55	West	California	San Jose	95123	29-12-2012	31-12-2012	1176.505	24	1
21866	High	0.05	12.28	4.86	7	Leon Gill	Regular Air	Home Office	Office Supplies	Paper	Small Box	Xerox 1933	0.38	East	Massachusetts	Fall River	2724	30-10-2012	31-10-2012	72.9928	19	
20876	Medium	0.08	140.98	36.09	8	Melanie Garret	Delivery Tr	Home Office	Furniture	Bookcases	Jumbo Box	Sauder Fore	0.77	East	New Hampshire	Bedford	3110	25-12-2012	26-12-2012	-158.74	5	
20877	Medium	0.1	286.85	61.76	9	Lorraine Houlihan	Delivery Tr	Home Office	Furniture	Tables	Jumbo Box	Riverside Fu	0.78	East	New Jersey	Camden	8101	25-12-2012	27-12-2012	-346.615	8	1
22241	Critical	0.06	15.57	1.39	10	Meredith Neill	Regular Air	Home Office	Office Supplies	Envelopes	Small Box	Park Ridge™	0.38	East	New Jersey	Pennsauken	8109	04-10-2011	05-10-2011	142.7955	14	
21776	Critical	0.06	9.48	7.29	11	Marcus Dunlap	Regular Air	Home Office	Furniture	Office Furn	Small Pack	DAX Two-To	0.45	East	New Jersey	Roselle	7203	15-08-2010	17-08-2010	-53.8096	22	
23328	High	0.04	10.98	3.37	12	Kara Pace	Regular Air	Home Office	Office Supplies	Scissors, R	Small Pack	Fiskars® Sof	0.57	East	Rhode Island	Cranston	2907	24-02-2012	26-02-2012	23.12	8	
24844	Medium	0.09	78.69	19.99	14	Gwendolyn F	Regular Air	Small Business	Furniture	Office Furn	Small Box	Howard Mil	0.43	Central	Minnesota	Prior Lake	55372	12-05-2010	14-05-2010	803.4705	16	1
24846	Medium	0.08	3.28	2.31	14	Gwendolyn F	Regular Air	Small Business	Office Supplies	Pens & Art	Wrap Bag	Newell 321	0.56	Central	Minnesota	Prior Lake	55372	12-05-2010	13-05-2010	-24.03	7	
24847	Medium	0.05	3.28	4.2	14	Gwendolyn F	Regular Air	Small Business	Office Supplies	Pens & Art	Wrap Bag	Newell 351	0.56	Central	Minnesota	Prior Lake	55372	12-05-2010	13-05-2010	-37.03	4	
24848	Medium	0.05	3.58	1.63	14	Gwendolyn F	Regular Air	Small Business	Office Supplies	Rubber Bai	Wrap Bag	OIC Colored	0.36	Central	Minnesota	Prior Lake	55372	12-05-2010	13-05-2010	-0.71	4	

*This data is containing 9000+ transactions of superstore for 24 attributes.*

## Find Descriptive Statistics

```
proc means data=work.import  
n nmiss mean median stddev min max maxdec=2;  
var Sales Profit Discount;  
run;
```

The MEANS Procedure

Variable	Label	N	N Miss	Mean	Median	Std Dev	Minimum	Maximum
Sales	Sales	9426	0	949.71	203.46	2598.02	1.32	100119.16
Profit	Profit	9426	0	139.24	2.57	998.49	-16476.84	16332.41
Discount	Discount	9426	0	0.05	0.05	0.03	0.00	0.25

# Perform Frequency Analysis

```
proc freq data=work.import;  
table Region 'Product Category'n;  
run;
```

Region				
Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Central	2899	30.76	2899	30.76
East	2289	24.28	5188	55.04
South	1954	20.73	7142	75.77
West	2284	24.23	9426	100.00

Product Category				
Product Category	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Furniture	1933	20.51	1933	20.51
Office Supplies	5181	54.96	7114	75.47
Technology	2312	24.53	9426	100.00

# Perform Cross Tabulation

```
proc freq data=work.import;  
table Region * 'Product Category' n;  
run;
```

Frequency Percent Row Pct Col Pct	Table of Region by Product Category			
	Region(Region)	Product Category(Product Category)		
		Furniture	Office Supplies	Technology
	Central	623 6.61 21.49 32.23	1559 16.54 53.78 30.09	717 7.61 24.73 31.01
	East	479 5.08 20.93 24.78	1272 13.49 55.57 24.55	538 5.71 23.50 23.27
	South	370 3.93 18.94 19.14	1099 11.66 56.24 21.21	485 5.15 24.82 20.98
	West	461 4.89 20.18 23.85	1251 13.27 54.77 24.15	572 6.07 25.04 24.74
	Total	1933 20.51	5181 54.96	2312 24.53
				9426 100.00

# DATA VISUALIZATION

# Perform Data Visualization



*SAS has wide range  
of Data Visualization  
tools available.  
It can be accessed by  
Tasks and utilities →  
Tasks → Graph*



# Perform Data Visualization

DATA    APPEARANCE    INFORMATION

▼ DATA

WORK.IMPORT

Filter: (none)

▼ CHART ORIENTATION

☒ Vertical

☐ Horizontal

▼ ROLES

\*Category: (1 item)

Product Category

Subcategory: (1 item)

Column

Measure:

Frequency count (default)

▼ ADDITIONAL ROLES

Group analysis by: (1 item)

Column

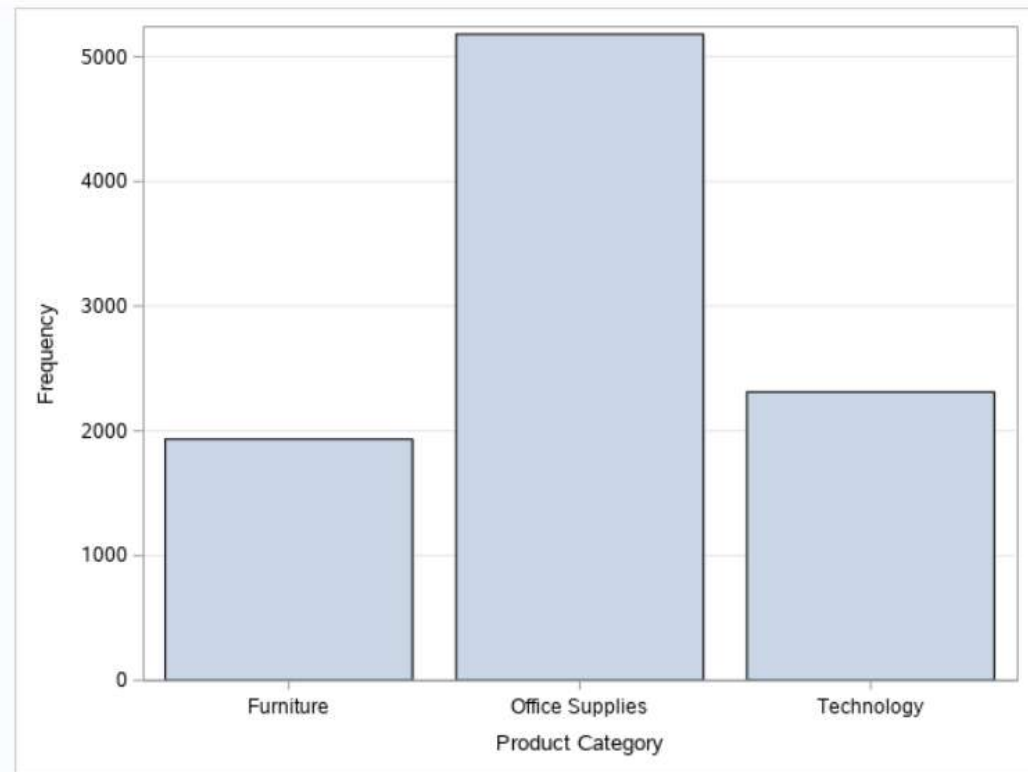
Weight: (1 item)

Column

CODE    LOG    RESULTS



► Table of Contents



# Perform Data Visualization

DATA    APPEARANCE    INFORMATION

▼ DATA

WORK.IMPORT

Filter: (none)

▼ ROLES

\*Category: (1 item)

Region

Subcategory: (1 item)

Column

Measure: Variable

\*Variable: (1 item)

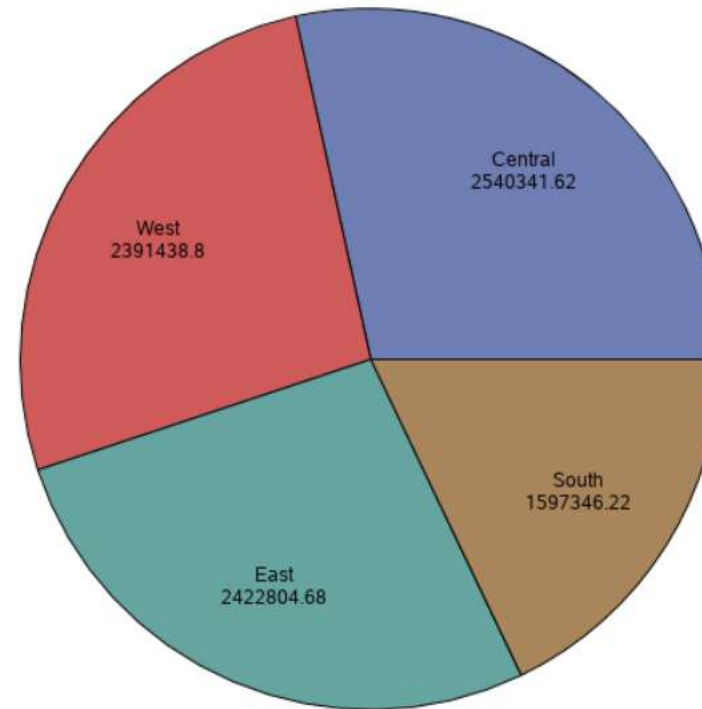
Sales

Statistic: Sum (default)

CODE    LOG    RESULTS



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# Perform Data Visualization

DATA APPEARANCE INFORMATION

DATA

WORK.IMPORT

Filter: (none)

PLOT ORIENTATION

☒ Vertical  
☐ Horizontal

ROLES

\*Analysis variable: (1 item)

123 Shipping Cost

Category: (1 item)

Region

Subcategory: (1 item)

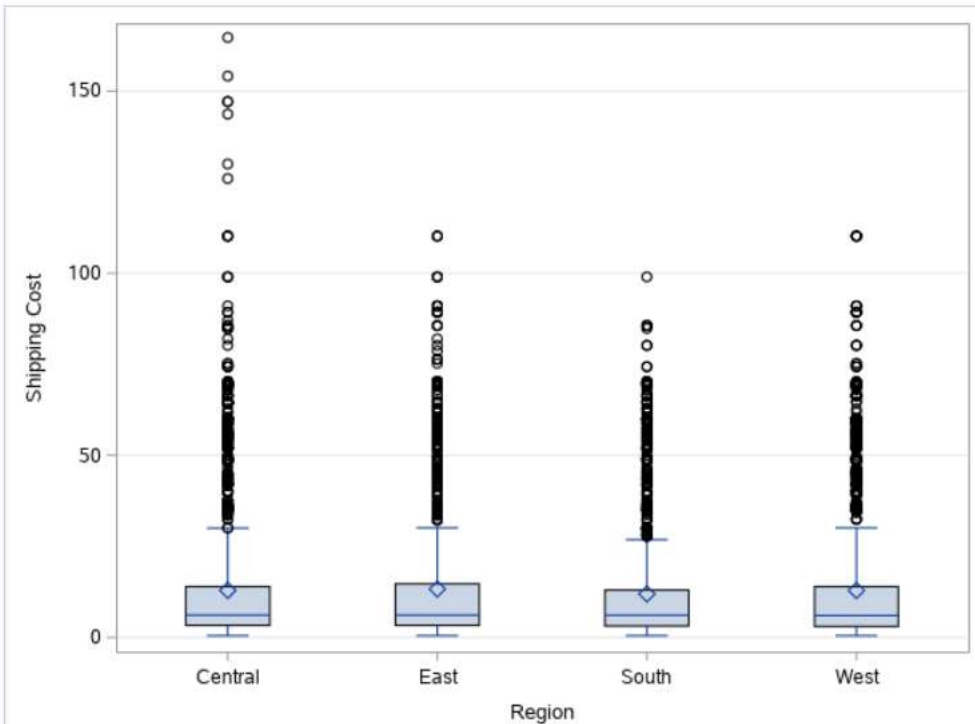
Column

ADDITIONAL ROLES

CODE LOG RESULTS



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# REGRESSION ANALYSIS

# Assumptions of Linear Regression

Linearity

No  
Outliers/influential  
cases

No  
Multicollinearity

Homoscedasticity

Normally  
distributed  
residuals

No  
Autocorrelation

# Data Overview

	A	B	C	D	E	F	G	H
1	MODEL	MAKE	ENGINE SIZE	CYLINDERS	FUEL CONSUMPTION_CITY	FUEL CONSUMPTION_HWY	FUEL CONSUMPTION_COMB	CO2 EMISSIONS
2	2014	ACURA	2	4	9.9	6.7	8.5	196
3	2014	ACURA	2.4	4	11.2	7.7	9.6	221
4	2014	ACURA	1.5	4	6	5.8	5.9	136
5	2014	ACURA	3.5	6	12.7	9.1	11.1	255
6	2014	ACURA	3.5	6	12.1	8.7	10.6	244
7	2014	ACURA	3.5	6	11.9	7.7	10	230
8	2014	ACURA	3.5	6	11.8	8.1	10.1	232
9	2014	ACURA	3.7	6	12.8	9	11.1	255
10	2014	ACURA	3.7	6	13.4	9.5	11.6	267
11	2014	ACURA	2.4	4	10.6	7.5	9.2	212
12	2014	ACURA	2.4	4	11.2	8.1	9.8	225
13	2014	ACURA	3.5	6	12.1	8.3	10.4	239
14	2014	ASTON MARTIN	5.9	12	18	12.6	15.6	359
15	2014	ASTON MARTIN	5.9	12	18	12.6	15.6	359
16	2014	ASTON MARTIN	4.7	8	17.4	11.3	14.7	338
17	2014	ASTON MARTIN	4.7	8	18.1	12.2	15.4	354
18	2014	ASTON MARTIN	4.7	8	17.4	11.3	14.7	338
19	2014	ASTON MARTIN	4.7	8	18.1	12.2	15.4	354

*This data is containing 1067 rows of vehicle with its features such as Engine Size, No. of Cylinders, Fuel Consumption etc with its CO2 Emissions*

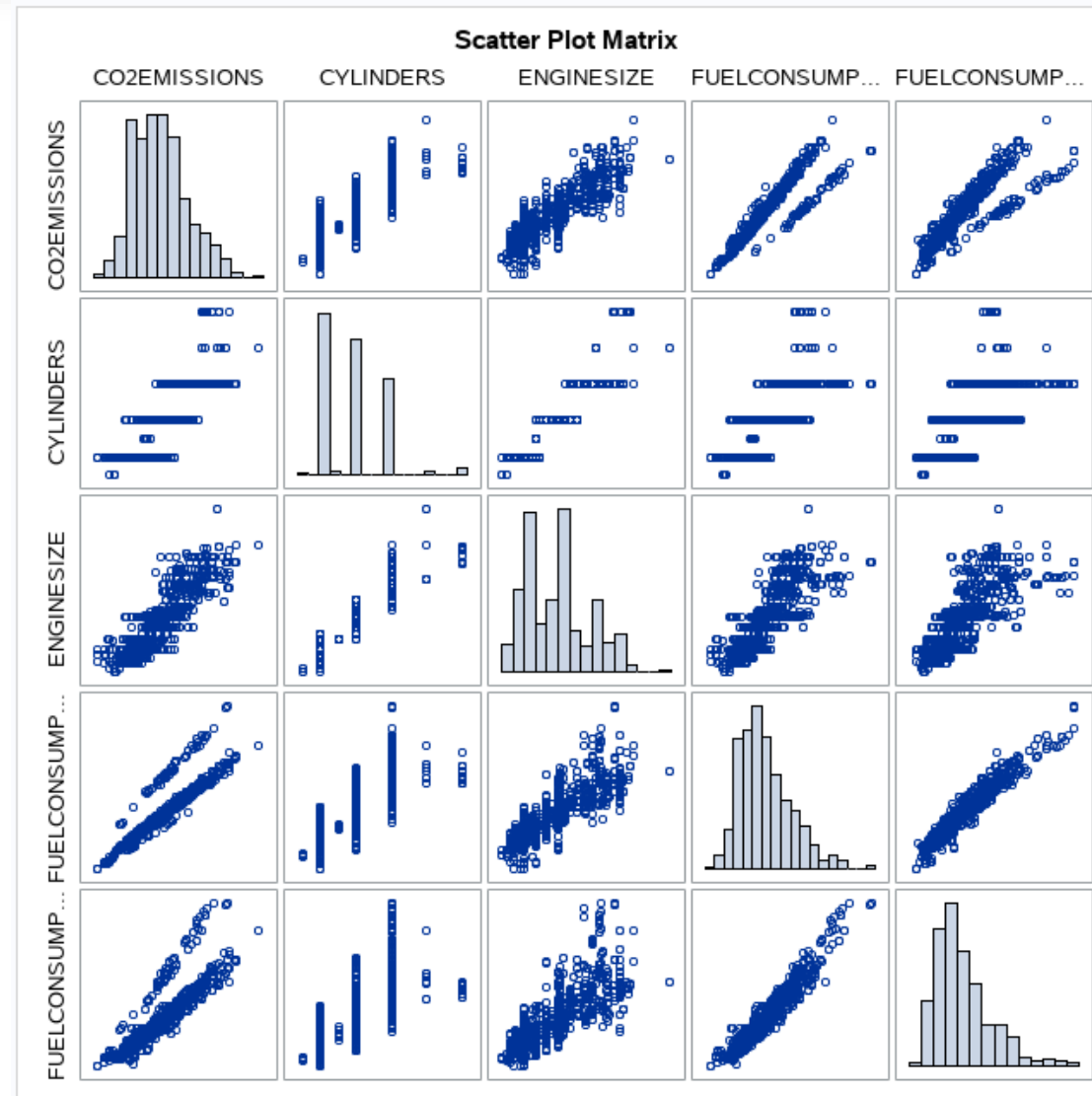
# Correlation Analysis

```
proc corr data=Fuel plots(maxpoints=None)=matrix(histogram);  
var CO2Emissions Cylinders Enginesize Fuelconsumption_City FuelConsumption_hwy Fuelconsumption_comb;  
run;
```

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
CO2EMISSIONS	1067	256.22868	63.37230	273396	108.00000	488.00000
CYLINDERS	1067	5.79475	1.79745	6183	3.00000	12.00000
ENGINE SIZE	1067	3.34630	1.41590	3570	1.00000	8.40000
FUELCONSUMPTION_CITY	1067	13.29653	4.10125	14187	4.60000	30.20000
FUELCONSUMPTION_HWY	1067	9.47460	2.79451	10109	4.90000	20.50000
FUELCONSUMPTION_COMB	1067	11.58088	3.48559	12357	4.70000	25.80000

Pearson Correlation Coefficients, N = 1067 Prob >  r  under H0: Rho=0						
	CO2EMISSIONS	CYLINDERS	ENGINE SIZE	FUELCONSUMPTION_CITY	FUELCONSUMPTION_HWY	FUELCONSUMPTION_COMB
CO2EMISSIONS	1.00000	0.84968 <.0001	0.87415 <.0001	0.89804 <.0001	0.86175 <.0001	0.89213 <.0001
CYLINDERS	0.84968 <.0001	1.00000	0.93401 <.0001	0.79647 <.0001	0.72459 <.0001	0.77679 <.0001
ENGINE SIZE	0.87415 <.0001	0.93401 <.0001	1.00000	0.83222 <.0001	0.77875 <.0001	0.81948 <.0001
FUELCONSUMPTION_CITY	0.89804 <.0001	0.79647 <.0001	0.83222 <.0001	1.00000	0.96572 <.0001	0.99554 <.0001
FUELCONSUMPTION_HWY	0.86175 <.0001	0.72459 <.0001	0.77875 <.0001	0.96572 <.0001	1.00000	0.98580 <.0001
FUELCONSUMPTION_COMB	0.89213 <.0001	0.77679 <.0001	0.81948 <.0001	0.99554 <.0001	0.98580 <.0001	1.00000

# Correlation Analysis





# Perform Regression Analysis

```
PROC REG data = Fuel;  
Model co2emissions = enginesize cylinders fuelconsumption_city / VIF dw;  
run;
```

Model: MODEL1  
Dependent Variable: CO2EMISSIONS

Number of Observations Read	1067
Number of Observations Used	1067

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	3693729	1231243	2228.22	<.0001
Error	1063	587379	552.56747		
Corrected Total	1066	4281108			

Root MSE	23.50675	R-Square	0.8628
Dependent Mean	256.22868	Adj R-Sq	0.8624
Coeff Var	9.17413		

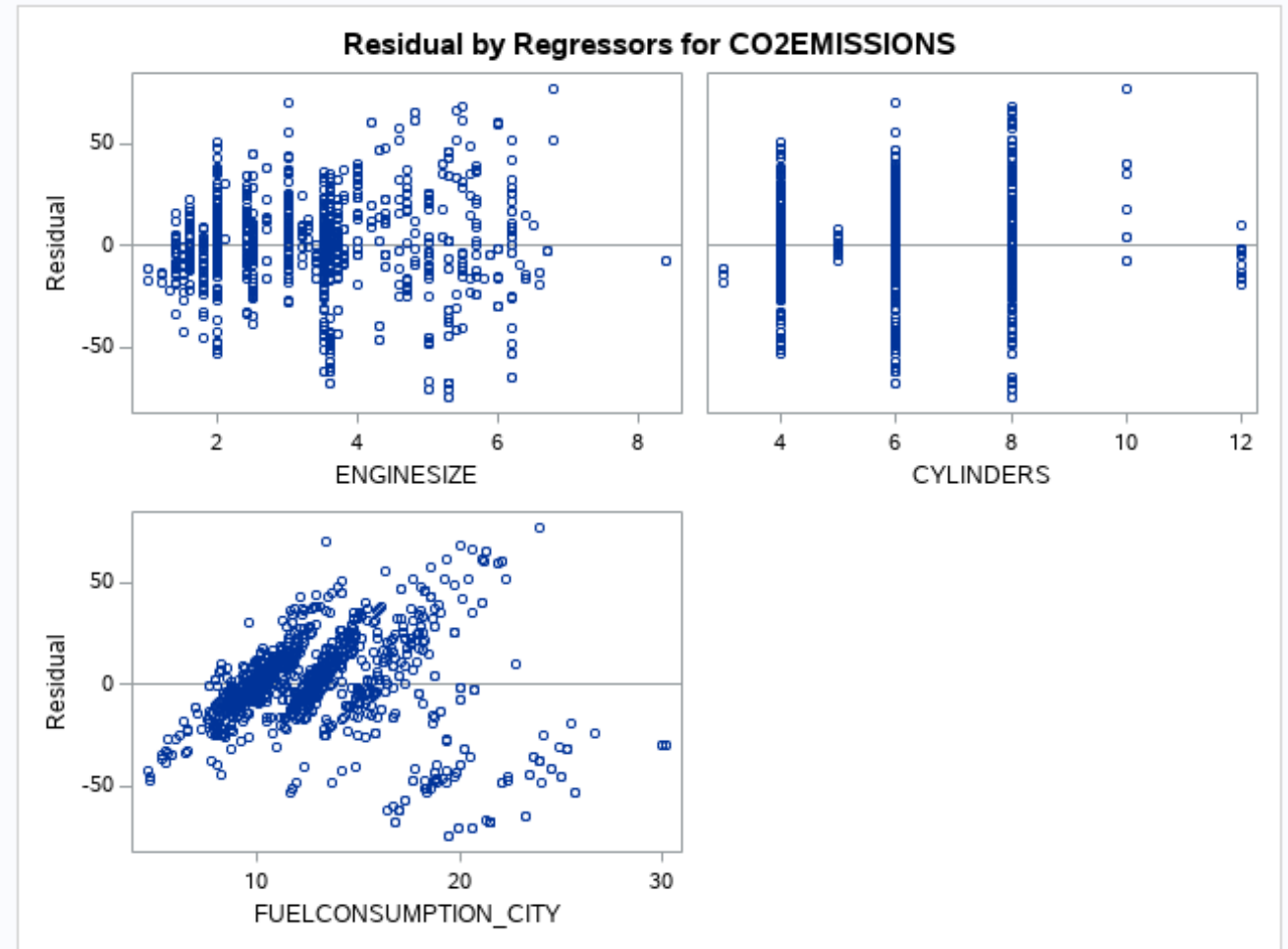
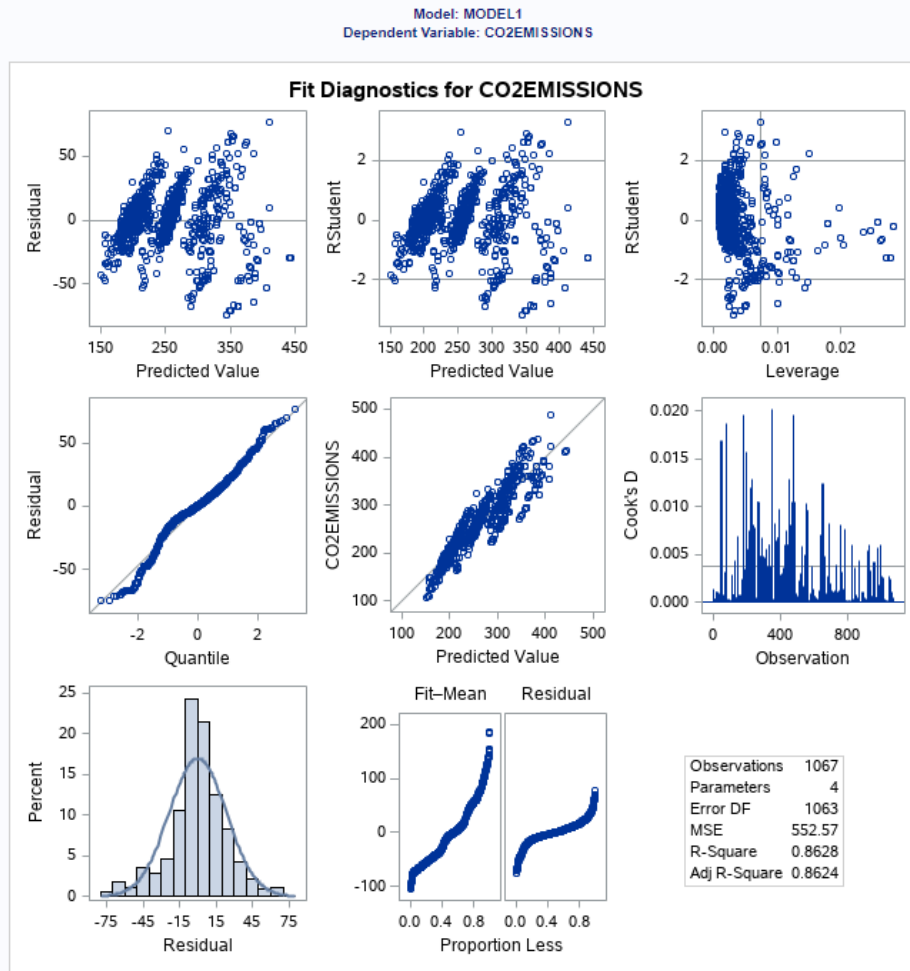
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t	Variance Inflation
Intercept	1	69.86406	3.12322	22.37	<.0001	0
ENGINE SIZE	1	11.40780	1.55965	7.31	<.0001	9.40783
CYLINDERS	1	6.29738	1.12651	5.59	<.0001	7.90955
FUELCONSUMPTION_CITY	1	8.40061	0.31812	26.41	<.0001	3.28382

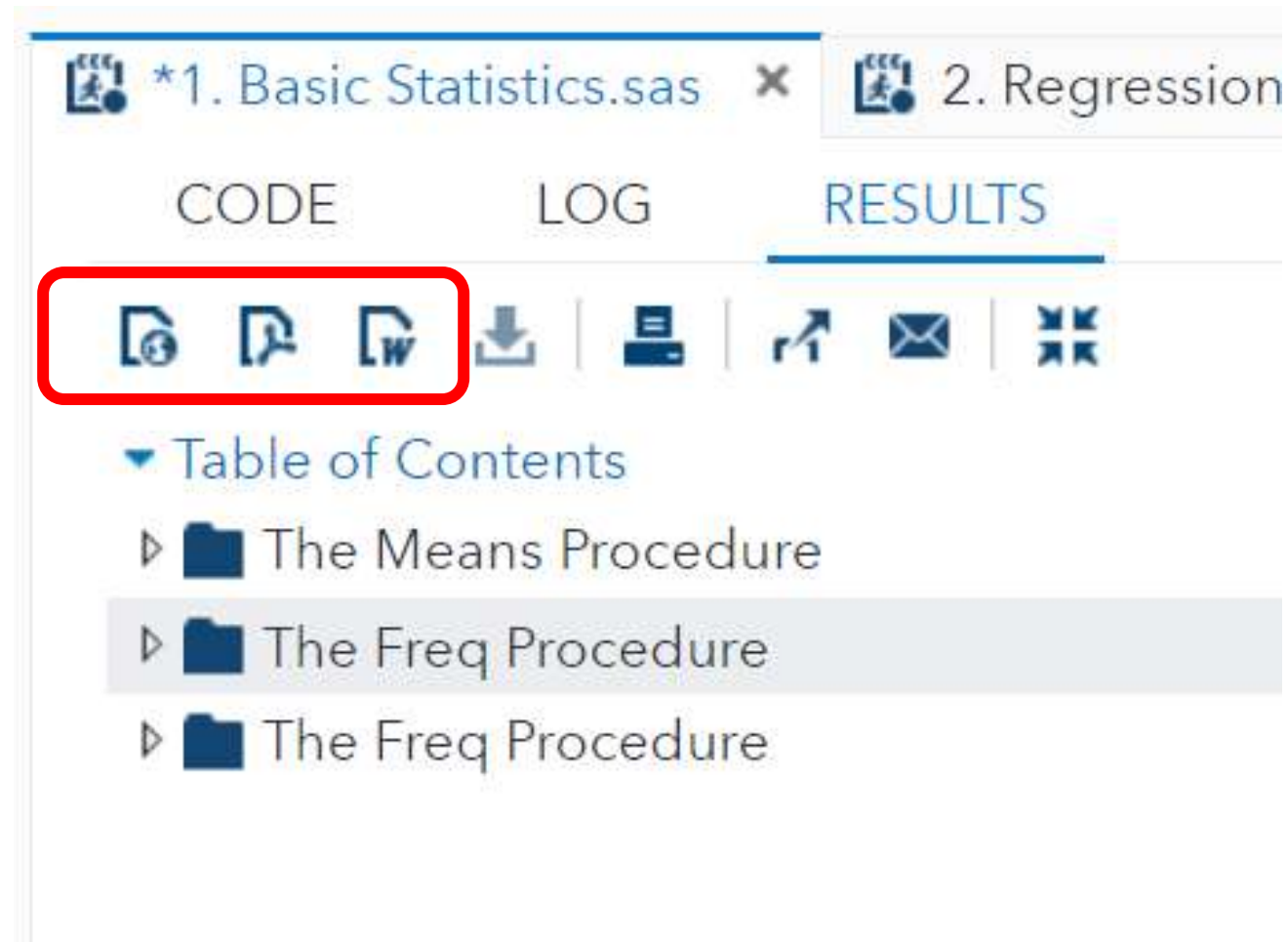
Model: MODEL1  
Dependent Variable: CO2EMISSIONS

Durbin-Watson D	1.770
Number of Observations	1067
1st Order Autocorrelation	0.115

# Perform Regression Analysis



# Export from SAS to PDF/ Word/ HTML



---

Thank you for patiently listening.

Now its your turn...

Any questions?



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Join us on



**Team**

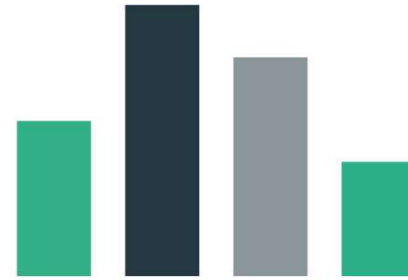
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**STAT MODELLER**  
ROBUST KIT OF SOLUTIONS

**WELCOME TO**  
**STAT MODELLER**  
**ROBUST KIT OF SOLUTION**

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## MESSAGE FROM

HIREN KAKKAD

CEO & CO-FOUNDER

Data analysis is an immense part of any problem solving or research. In industry as well as in research, data plays a vital role. Data is collected in a large quantity.

But, the challenges are which techniques to be used and how?

To overcome these challenges, Stat Modeller provides the solutions.



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## SHORT PROFILE



- CEO & Co-founder of Stat Modeller
- More than 10 years of industrial experience
- Awardee of the Training Quality Excellence Award by IQAC and ISTD
- Certified Trainer by NSDC & Skill India
- Certified by Google Analytics Academy for Data Studio
- Certified Lean Six Sigma Black Belt
- Trained 9000+ participants
- Guided 100+ Improvement projects
- Assisted 45+ Research Projects
- Trainer for in Data Analysis, R, Python, SPSS, Minitab, Power BI, Excel, Advanced Excel, Six Sigma, TPM, Kaizen, 5-S, Kanban etc.
- Life member of ISTD (Indian Society for Training and Development)



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## HISTORY

Stat Modeller is formed in 2019 providing services related to training and consultancy for Operational Excellence, Application of Statistical Tools and Data Science Tools to solve the problems of various segments.



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# TRAINING AND CONSULTANCY

## Data Science

Machine Learning  
R & R Studio  
Python  
SPSS  
SAS  
Minitab  
Power BI  
Tableau  
Basic Excel &  
Advanced Excel



## Operational Excellence

**Blended  
Approach**  
Six Sigma  
Lean  
5-S  
TPM  
Kaizen  
Kanban  
QMS  
SPC and SQC



## Research Projects

Research Projects  
Survey Analysis  
Marketing  
Research etc.



## Universities & Colleges

Workshops  
Trainings  
Certification  
Courses for  
Faculties and  
Students



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**Agro Economics**

**Dairy Economics**

**Home Science**

**Mechanical  
Engineering**

**Pharmaceutical  
Sciences**

**Financial  
Management**



**Clients**

**Management  
Studies**

**Marketing  
Management**

**Process Industry**

**Ceramic Industry**

**Plastic Process  
Industry**

**Chemical  
Industry**



**Clients**

**Services**

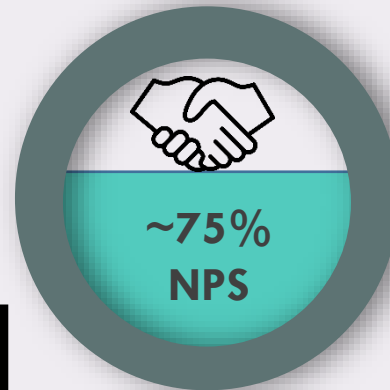
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# Training on R at UPL



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# PROGRAMS WE DELIVERED



**“Basics of SPSS” at BVM Engineering College**



**“Base SAS” at Dept. of Statistics, Sardar Patel University**



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**“Basics of Python”, Dept. of Statistics, Sardar Patel University**



**“Role of SPSS” at DDU Nadiad**



# PROGRAMS WE DELIVERED



**“Training on R” at  
Mumbai University**



**“Training on R” at  
AERC, Sardar Patel University**



**“Training on R” at Anand Agriculture  
University, Vallabh Vidyanagar**



**“Training on R” at  
HRDC, Gujarat University**



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**HIREN KAKKAD**

CEO & CO-FOUNDER

Expert in Data Science, Business  
Transformation and Research  
Project Analysis



**MEHUL GANDHI**

BUSINESS ASSOCIATE

Expert in Business  
Transformation and Excel



**KAPIL VALAND**

BUSINESS ASSOCIATE

Expert in Data Science,  
Business Transformation and  
Research Project Analysis

**London, UK**





## Let's get connected



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