# User Manual: Logi Vision

# December 2016

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#### Administration

- 1. Go to www.webapps.pamplin.vt.edu/Vision
- 2. Click on Create New Password

logi	From the Visio	on Community									
	News & Updates	Featured	Articles								
	Vision unveils version 1.4	5 Ask A Ques	tion In Our User Forum								
User Name	Vision 1.4 SP2 Is Availab	le Creating Da	Creating Dashboards								
Password	Vision 1.4 SP1 is Availab	Running Vi	<ul> <li>Preparing Your Excel Data</li> <li>Running Vision on Amazon Web Services (</li> </ul>								
Login Remember me?	Featured Videos										
<ul> <li>I forgot my password</li> <li>Create a new account</li> </ul>	Logi VISION What's New in vL5	Logi VISION Building Dashboards	Logi VISION Mapping & Location								
Account Questions:	What's New in Logi Vision 1.5	What's New in Logi Building Dashboards Vision 1.5 (Tutorial)									
Visit community.logianalytics.com to learn more.											

3. Fill in the required information. After you ae done, your professor will activate your account, and you can proceed working with Logi Vision.

#### Uploading Data – Dashboard 1

- Logi Vision can import both xls and csv files. However, Computations.xlsx file has multiple tabs and it takes a while to download. To speed up uploading of the file and simplify data import, we will first create ComputationsCSV file in.csv format. This file will contain only the raw data from Computations.xlsx.
- 2. Open your Computation.xlsx file in Excel.
- 3. Make sure your active tab is Student\_Data
- 4. Go to Save As, and save the file as ComputationsCSV.csv (\*.csv comma delimited).

\*\*Note: .csv means that values are separated by commas (thus csv – comma separated values).

- 5. You will be informed that .csv format does not support workbooks. Click OK as you will only need your student data from the active sheet.
- 6. Now go back to Lo
- 7. Create New Project. To do that, either go to top left and click on drop down menu for Projects and choose Create New Project, or go to top right and click on +Create New Project button.

111	🕾 Projects 🝷 💠 InfoB	oard 🏾 🍘 Dashboards 🔻	EITHER ONE	Help 🝷 🔶	👤 Ekaterina Serenko 💌
	Create a new project		Sort by: Date of Creation		Create New Project

8. You will be prompted to Choose a File. Choose your ComputationsCSV file.

In.	🖆 Projects 🔻 💠 InfoBoa	rd 🥠	Dashboards 🔻		Help 🝷 🔶	👱 Ekaterina Serenko 🔻
Crea	te a New Project				Manage Connections	Create New Connection
Start	Start by Uploading a File Drag Excel/CSV files here or Choose File		Copy Data From an Existing Project:			
i ne			Search by Name	Filter by	Show All	•
			Or No matching projects or templates were found			

9. Select all columns and click Save.

Data Dataset Configuration Project Status Data E	nrichment	About Data
Objects in ComputationsCSV add another source	Columns in ComputationsCSV select all   deselect	all Selected columns reset
ComputationsCSV	Num Semem To	Race
	Avg GPA Chg To	Gender
	Base GPA	Num Semem To
	Avg Delta Att Pass To	Avg GPA Chg To
	Avg Qual Pts To	Base GPA
	Avg Pro Gpa To	Avg Delta Att Pass To
	Age	Avg Qual Pts To
	Race	Avg Pro Gpa To
	Gender	Age

Cancel Save

10. Name your project and click Create Project.

Project Name	×
Enter a name for your new pro	oject
Comp_Work_To	
	Cancel Create Project

11. Click on "Go To ThinkSpace," or close and find your project name under Project dropdown menu in the top left corner. Click on it.

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Pro	Create a new project				🛨 Create New Project
C	Comp Work To		Sort by: Date of Creation    Newest to Oldest	T	
	See All →		Shared With Me		

12. You will see the following screen, and it is the first of your goal dashboards:

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Co	mp_Work_To					> Share	🔦 Undo	Redo	Visualizations	🕂 New
M				Dro	op a column her	e <b>T</b>				
	♥ Race	Gender	Num Seme Avg	GPAChg B	ase GPA	zDelAtPs	alPtsTo	AvgProGpaTo	Age	
۲	0 **	0 **	0 ** 0	×* 0	×^ ₿	<b>∀</b> ∧ <b>0</b>	<b>∀</b> ∧ ()	<b>∀</b> ∧ Ø		
	White	Female	5	0.11	2.91	0.60	31.21	3.07	21	<u>^</u>
	White	Female	4	-0.79	2.37	2.25	16.51	1.92	20	
	White	Female	2	1.14	2.44	0.00	32.51	2.77	20	
	White	Male	0	0.00	1.11	0.00	0.00	0.00	23	
	White	Female	0	0.00	3.84	0.00	0.00	0.00	23	
	Asian	Male	5	-0.42	4.00	4.80	16.46	2.78	23	
	White	Male	3	0.00	2.00	5.67	8.33	1.31	21	
	Asian	Female	2	-0.28	3.54	1.50	44.02	3.46	19	
	White	Female	0	0.00	2.29	0.00	0.00	0.00	20	
	White	Female	0	0.00	3.20	0.00	0.00	0.00	20	
	White	Female	2	1.43	1.90	3.00	30.50	2.28	20	
	Hispanic	Male	7	-0.28	3.25	2.71	25.06	2.42	21	
	Asian	Female	6	0.11	2.28	3.67	23.95	2.37	20	
	Hispanic	Male	5	-0.08	3.66	0.00	43.20	3.46	21	
	White	Female	7	-0.47	4.00	5.71	16.34	2.83	21	
	Black	Female	2	0.40	2.39	0.00	24.33	2.48	20	
	Hispanic	Female	2	1.33	0.00	6.00	4.01	0.33	21	
	Black	Male	5	-0.38	3.00	1.80	20.41	2.30	20	
	White	Female	8	0.22	2.06	0.50	38.34	2.75	20	
	Asian	Male	5	-0.15	2.93	0.00	34.80	2.58	23	
	White	Male	22	-0.10	2.14	2.86	18.23	2.23	29	
	White	Male	2	0.42	3.41	0.00	43.49	3.52	19	
	White	Male	2	0.59	3.16	0.00	36.50	3.32	23	
	Black	Male	4	-0.06	3.33	0.00	31.08	3.15	18	
	White	Female	3	-0.32	2.77	2.33	25.55	2.58	19	-

Goal:



1. To get our first dashboard simply hold the cursor over the column name until a small blue circle appears next to your cursor, and then click and drag the column to "Drop a column here" bar.

Hold the cursor over the name:

11.	🕾 Projects 🔻	InfoBoard	🍈 Dashboards 🝷					Help 🔻	🐥 🙎 Ekater	ina Serenko 🔻
Co	omp_Work_T	O 292 records				E	≻ Share 🛛 🔦 Ur	do 🏓 Redo	Visualizations	🕈 New
M			Num Semem To		Drop a colun	nn here 📲				
۲	P Race	Gender	Num Seme	AvgGPAChg	Base GPA	AvgDelAtPs	AvgQualPtsTo	AvgProGpaTo	Age	
-	White	Female	5	0.11	2.91	0.60	31.21	3.07	21	
	White	Female	4	-0.79	2.37	2.25	16.51	1.92	20	
	White	Female	2	1.14	2.44	0.00	32.51	2.77	20	
	White	Male	0	0.00	1.11	0.00	0.00	0.00	23	
	White	Female	n	0.00	3.84	0.00	0.00	0.00	23	

Drag and drop:

11,	🖆 Projects 🔻	InfoBoard	🍘 Dashboards 🥆				٢	lelp 🝷 📫	Ekaterin	a Serenko 🤻
Co	omp_Work_To	292 records				> Shar	e 숙 Undo	📌 Redo 💧	Visualizations	🕈 New
M				/	Drop a column h	ere 🏢				
۲	Race	Gender Ø	Num Seme	AvgGPAChg	Base GPA	Avg <mark>DelA</mark> tPs Avg	QualPtsTo Avg	ProGpaTo	Age	
	White	Female	5	0.11	2.91	0.60	31.21	3.07	21	^
	White	Female	4	-0.79	2.37	2.25	16.51	1.92	20	
	White	Female	2	1.14	2.44	0.00	32.51	2.77	20	
	White	Male	0	0.00	1.11	0.00	0.00	0.00	23	
	White	Female	0	0.00	3.84	0.00	0.00	0.00	23	
	Asian	b.f.ala	5	0.42	400	4.00	42.82	0.70	22	



2. Your goal dashboard will be displayed as follows:

#### Dashboard 3



- 👤 Ekaterina Serenko 🔻 😤 Projects 🝷 💠 InfoBoard 🌈 Dashboards 🝷 Help 🔻 1 1 ≽ Share \land Undo 🍡 Comp\_Work\_To 292 records **•** ø Num Semem To Profile \* 影 1 Num Semem To X 1,229 4 AVG 22 Recommended Charts 0 22 Actual Name: Num Semem To Data Type: Integer ▶ 4 Num Semem To 22
- 1. Close out of the previous dashboard by click X in the right top corner.

2. Now click and drag the next variable to explore – AvgGPAChange\_To.

**	😤 Projects 🔻	🗄 InfoBoard	🍈 Dashboards 🥆					Help 🔻	📫 📘 Eka	terina Serenko 🥆
Co	mp_Work_To						> Share 🛛 🔄 U	Jndo 🏾 🏓 Redo	Visualization	s 🕂 New
M					<b>Stop</b> a colur	nn here 🕂				
۲	♥     Race       ∅     ▼▲	ও G <mark>ender</mark> ⊄ ৵▲	✓ Num Seme	AvgGPAChg	♀ Base GPA	AvgDelAtPs	AvgQualPtsTo	AvgProGpaTo	y Age ✿ ▼▲	
	White	Female	5	0.11	2.91 2.37	0.60	31.21 16.51	3.07	21 20	<u>^</u>
	White	Female Male	2	1.14	2.44	0.00	32.51	2.77	20 23	

3. Your goal dashboard will be displayed as follows:





- 1. Now we will repeat the same steps for Base GPA variable. Close previous dashboard.
- 2. Drag the Base GPA column header to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:



189	🖀 Projects 👻 💠 InfoBo	oard																								ŀ	lelp 🔻	Ray	mond Major	-
Co	mp_Work_To 292 reco	rds																				> Shan	e 🔶	Undo		Redo	Vi:	sualizations	🕒 Ne	w
M	AvgDelAtPsTo Pro	ofile	,																									•	86 <b>x</b>	
	AvgDelAtPsTo X	Sum: 465.42									Avera 1.5	ge: 9							Range: 11.50					Actual Data T	Name: Av ype: Decin	g Delta Att F nal	ass To			
		Max: 11.50										Min 0.00	:: 0																	
										_		_	_	_																
		0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5					

- 1. Repeat the same steps as previous dashboard with AvgDetAtPts variable.
- 2. Your goal dashboard will be displayed as follows:

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Co	mp_Work_To	292 records			≽ Share 🔄 🔄 Undo	Redo 🔛 Visualizations 📀 New
M	AvgDelAt	PsTo Profile	*			■ <b>↓</b> 🗄 🌣 🗙
	AvgDelA	tPsTo x	465.42	1.59	11.50 RANGE	Recommended Charts
			11.50 MAX	U.UU MIN	4	Actual Name: Avg Delta Att Pass To Data Type: Decimal
						AvgDelAtPsTo
			D 1 2	3 4 5 6 7	8 9 10 11	



- 1. Close previous dashboard.
- 2. Drag variable AvgQualPtsTo to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:

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Co	mp_Work_To	292 records			≽ Share 🔄 🔦 Undo	Redo Visualizations 📀 New
M	AvgQualP	tsTo Profile <sup>4</sup>	•			■ <b>↓</b> ೫ <b>◊ ×</b>
	AvgQual	PtsTo X	6,476.26	22.18	61.00 RANGE	Recommended Charts
			61.00	0.00 MIN		
			<b>N</b>			Actual Name: Avg Qual Pts To Data Type: Decimal
			r			AvgQualPtsTo
				տեսերու		
			0 5 10 15	20 25 30 35 40	45 50 55 60	

C () Attp://www.webapps.pamplir	1.vt.edu/Vision/Vision/ThinkSpace/3	ion X X Connecting With DataSmart –		n ★ ₽
📏 🕾 Projects 👻 💠 InfoBe	Dard			Help 👻 👱 Raymond Major 👻
Comp_Work_To 292 reco	rds		> Share 🔦 Undo 🎽	Redo Visualizations 📀 New
M AvgProGpaTo Prot	file *			
Avgrioopatorio	life			
Y AvgProGpaTo X	Sum:	Average:	Range:	Actual Name: Avg Pro Gpa To Data Type: Decimal
	07100	2.37	4.00	
	Man	Mini		
	4.00	0.00		
	00 02 0.4 0.6 0.8 1.0 1.2	14 16 18 20 22 24 26		

- 1. Close previous dashboard.
- 2. Drag variable AvgProGpaTo to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:



				Help 👻 👤 Raymond Major 👻
Comp_Work_To 292 records			> Share 🔦 Undo 🍡	Redo Kisualizations 📀 New
M Age Profile *				• + H ×
o Age x	Sum: 6,722	Average: 23.02	Range: 43	Actual Name: Age Data Type: Integer
	мах: 61	Min: 18		
18 20	22 24 26 28 30 3	2 34 36 38 40 42 44 46	48 50 52 54 56 58 60 62	

- 1. Close previous dashboard.
- 2. Drag variable Age to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:



<b>N</b> 1	🖹 Projects 🔻 💠 InfoB	pard					Help 👻 👱 Raymond Major 👻
Com	p_Work_To 292 reco	rds				> Share 🔄 Undo 🛛	Redo Visualizations 📀 New
M	Race Profile *						<b>■</b> ♣ ‰ ×
	∀ Race X ©		Distinct Values: 5		Most Frequent: White (154 times)		Actual Name: Race Data Type: Text
		Asian	Black	Hispanic	Indian	White	
		, stan	unnuft	- nagadi Mu	1 fluence e	*******	

- 1. Close previous dashboard.
- 2. Drag variable Race to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:

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Co	mp_Work_To	292 records				> :	Share 🤄 🤄 Und	o 🏓 Redo	Visu	alizations	🕀 New
M	Race Profi	le *							•	81 <b>O</b>	×
	y Race ⊄	e X	!	5	Wh	nite (154	times)	Actual N Data Typ	lame: Race be: Text		
			DIST	INCT		MOST FREQU	ENT	Race			
			•				4				
			Asian	Black	Hispanic	Indian	White				

<b>N</b> P	🖆 Projects 🔻 💠 InfoBa	ard		Help 👻 👤 Raymond Major 👻
Con	np_Work_To 292 recor	ds	> Share	Undo 🏓 Redo 🔛 Visualizations 📀 New
1	Gender Profile			■ ↓ 比 ×
	☉ Gender X	Distinct Values: 2	Most Frequent: Female (178 times)	Actual Name: Gender Data Type: Text
		Female	Male	

- 1. Close previous dashboard.
- 2. Drag variable Gender to the "Drop a column here" bar.
- 3. Your goal dashboard will be displayed as follows:

**	🖆 Projects 🔻	InfoBoard	🍈 Dashboards 🤻				Help 🝷 🛛 🛴	😫  👤 Eka	terina Serenko
Co	omp_Work_To	292 records			> Share	🔄 Undo	Redo	Visualization	ns 🕒 New
M	Gender Pr	ofile ″					(	■ ♣ 🛙	0 X
	় Gend ট	er X	DIST	2	Female (178 ti	imes)	Actual Nan Data Type:	<b>ne:</b> Gender Text	
				INCT	MOST PREQUENT	4	Gender		
			F			4			
				Female	Male				



- 1. Close your previous dashboard.
- 2. First drag you X-variable (AvgGPAChg\_To) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization as shown below.



4. Your goal dashboard will appear as follows:

![](_page_15_Figure_1.jpeg)

![](_page_16_Figure_2.jpeg)

- 1. Close your previous dashboard.
- 2. First drag you X-variable (BaseGPA) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization.
- 4. Your goal dashboard will appear as follows:

![](_page_16_Figure_7.jpeg)

![](_page_17_Figure_2.jpeg)

- 1. Close your previous dashboard.
- 2. First drag you X-variable (AvgDelPtsTo) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization.
- 4. Your goal dashboard will appear as follows:

![](_page_17_Figure_7.jpeg)

![](_page_18_Figure_2.jpeg)

- 1. Close your previous dashboard.
- 2. First drag you X-variable (AvgQualPtsTo) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization.
- 4. Your goal dashboard will appear as follows:

![](_page_18_Figure_7.jpeg)

![](_page_19_Figure_2.jpeg)

- 1. Close your previous dashboard.
- 2. First drag you X-variable (AvgProGpaTo) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization.
- 4. Your goal dashboard will appear as follows:

![](_page_19_Figure_7.jpeg)

![](_page_20_Figure_2.jpeg)

- 1. Close your previous dashboard.
- 2. First drag you X-variable (Age) to the top ("Drop a column here" bar).
- 3. Next, drag your Y-variable (Num\_Semem\_To) and add it to visualization.
- 4. Your goal dashboard will appear as follows:

![](_page_20_Figure_7.jpeg)