

Improving Productivity with Cube Reports

Bringing decision makers key indicators quickly and easily

To test proposed changes to infrastructure and policy, you develop travel forecasting models and traffic simulations. You apply these models many times, sometimes testing hundreds of scenarios. Each application of a model scenario produces large amounts of numerical data, requiring analysis and comparison with other scenarios.

Cube Reports enables you to analyze and compare scenarios efficiently and accurately, increasing your productivity. With Cube Reports you can quickly create high-quality charts and tables from single or multiple scenarios, and easily convey the results to decision makers. Cube Reports replaces the slow, cumbersome, and error-prone process of exporting results to spreadsheets and charting programs.

Reporting and charting *without* Cube Reports

To recognize the advantages offered by Cube Reports, consider the multiple steps required to generate charts and reports without Cube Reports:

1. Export a Cube Voyager file to a DBF file.

2. Manually import the DBF file into a spreadsheet program, such as Microsoft Excel.
3. Create user-defined charts, tables, and cross tabulations in the spreadsheet program.
4. Customize the reports and charts.
5. Save the file.
6. Repeat the process (with care) for each scenario.
7. Create scenario comparison reports between multiple files and pages.
8. Print from the various files and manually group for use in a report.

This process is tedious and error-prone. The process becomes more aggravating when:

- Someone asks for a change in the graphics and charts, requiring you to repeat the process.
- Someone asks for some changes in the scenarios or for additional scenarios, requiring you to redo several of the scenario summaries and to redo and redesign the scenario comparisons.

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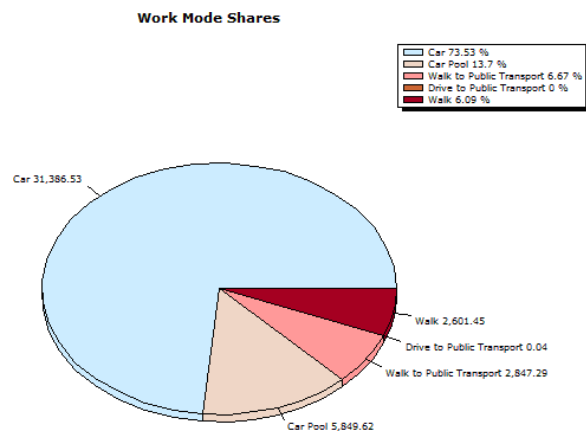
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Reporting and charting with Cube Reports

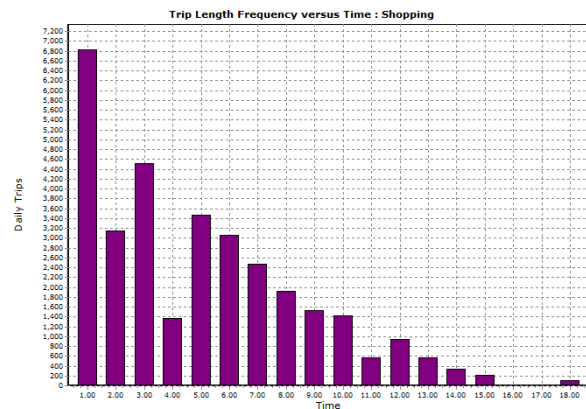
Cube Reports uses an innovative approach that eliminates errors and cuts reporting time dramatically. With Cube Reports you use a three-step process:

1. Create a report template using Cube Reports' easy-to-use menu system.
2. Choose the report template along with the scenario or scenarios you wish to report.
3. Print the reports.

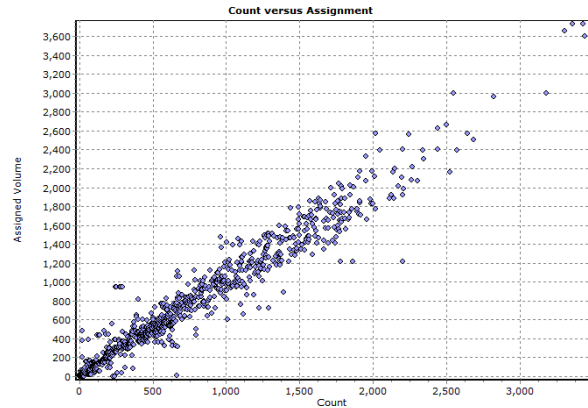
Cube Reports creates high-quality tables, cross tabulations, and charts for individual scenarios or for multiple-scenario comparisons.



Pie charts



Histograms

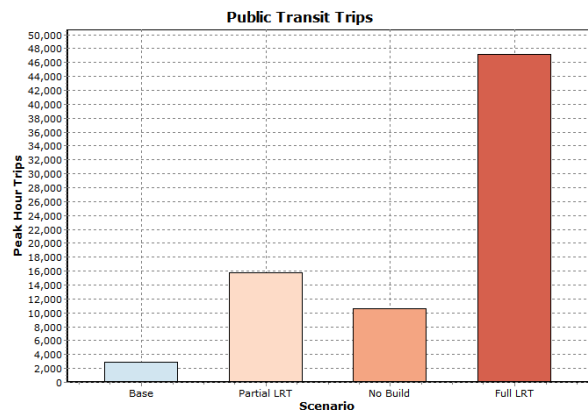


Scattergrams

Trip Productions

TAZ	Work P	School P	Shop P	Other P	Non-Home-Based P	External P	Total P
1	5912	2692	4634	13025	4656	0	39108
2	2616	1253	1954	5562	5299	0	16987
3	1501	560	1208	3455	1602	0	9929
4	4981	3055	3428	10080	8724	0	32275
5	650	383	449	1313	6151	0	4188
6	2000	1068	1441	4096	16757	0	12900
7	3055	1845	2242	6320	3777	0	20227
8	3979	1567	3221	8590	4165	0	26020
9	2858	1287	2385	6549	6523	0	19471
10	2359	943	1879	5278	3783	0	15530
11	4277	1366	3257	8969	5978	0	26676
12	471	194	365	985	1757	0	3025
13	1010	625	716	2079	10155	0	6637
14	2914	1242	2324	6620	4898	0	19406
15	2699	1135	2096	6176	5115	0	17843
16	1403	701	1025	3326	2629	0	9397
17	0	0	0	0	0	40000	40000
18	0	0	0	0	0	30000	30000
19	0	0	0	0	0	62500	62500
20	0	0	0	0	0	50000	50000
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	8000	8000
24	0	0	0	0	0	15000	15000
25	0	0	0	0	0	23000	23000
Total	42685	19916	32624	92423	91969	228500	508119

Tables and cross tabulations



Scenario comparisons

With Cube Reports, once-aggravating changes are simple:

- Someone asks for a change to the report? Just update the template, select the scenarios and reprint. No need to re-export data or to make changes to multiple charts and tables.
- Someone ask you to rerun a scenario or create a new comparison? Simply run the scenario, choose the report template, select the new scenarios to compare, and print.

Consistency guaranteed

Cube Reports produces consistent results while accommodating changes in models and report formats:

- When you change your model, Cube Reports automatically updates the resulting reports. With Cube Reports you do not need to export and import DBF files, since Cube Reports automatically uses the DBF files that Cube generates internally.
- When you change formatting in a report template, Cube Reports automatically updates all reports that use that template.

Back up your reports with your model

Cube Reports greatly simplifies the process for archiving projects. With Cube Reports, reports are part of the model. Therefore, when you make a backup copy of a model, you also make a backup copy of your reports.

How does Cube Reports work?

Cube Reports is an extension to Cube Base. Cube Reports is an extremely easy-to-use tool with a very short learning curve. Wizards guide users through report development, allowing both model experts and non-modelers to quickly produce reports.

How much does it cost? Do you offer discounts if I acquire multiple seats?

Cube Reports costs \$1,500 for the first seat. Citilabs offers a 25% discount on seats 2 through 5, and a 50% discount on seats 6+. Citilabs offers these discounts during your initial purchase and also during the period that your software is under current software maintenance.

Can I try it out?

Definitely. Citilabs is currently offering 30-day trial licenses of Cube Reports to existing clients. Contact your sales representative today at sales@citilabs.com to organize a trial.

Cube Reports is one of the many innovative and market-leading solutions developed by Citilabs—the leader in transportation planning software solutions.