

OVERVIEW

ViaPlus Smart Data Hub

The Smart Data Hub pulls various data points from across the project into a single view, for a complete picture of project health and performance.

- Clear visuals for traffic, operational, and finance data
- Engineered Decision Intelligence builds efficiencies, improves operations, and optimizes asset management
- Desktop and mobile views
- Canned, customized, and ad-hoc reporting available
- User-friendly Generative AI (beta) prototype takes natural language queries to generate custom reports



DATA ENGINEERING

Acquire raw data files & process securely for in-depth analytics

Data Acquisition

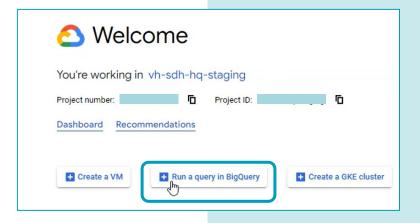
- Files can be sent in multiple formats (XLS, CSV, JSON, XML)
- Files can be transferred via Web API Gateway using API Key or Secure FTP (SFTP) file transfer
- Data files are secured via secret keys
- Data can also be pulled from source
- Files passing all checks are moved to secure area in Google Cloud Storage

Data Processing

- Data is refreshed nightly
- File integrity checked (eg hashing, row counts)
- Validation and raw processing included in the workflows
- Fully processed data available in BigQuery datasets

Big Data Query

- Post-processed data available in Google BigQuery for further analytics
- Data acquired from BigQuery via:
 - PowerBI with automatic refresh
 - Excel via PowerBI dataset or Web API
 - ADHOC reporting in PowerBI







Traffic 🥆

Summary

Analysis

Budget

Predictive



Ca	te	σο	'n	N	am	10
		ь,		86		in.

Payment Type

Payment Type	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	_	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955	_	7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	0000	0.00%	0.00	-6.84%
Diners	50 955	_	7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		1000	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%

Plaza

Product

Plaza	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	A	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955		7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	-	0.00%	0.00	-6.84%
Diners	50 955		7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		-	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%



953.94k

Selected Revenue



raffic 🗸

ummary

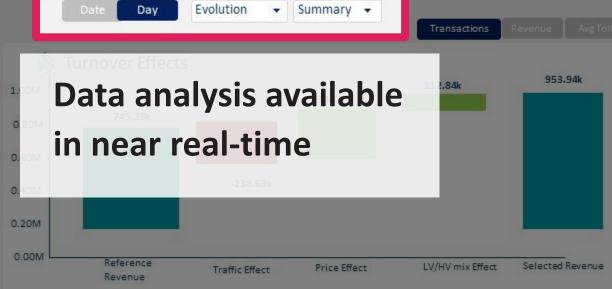
Analysis

Budget

Predictive







Category Name

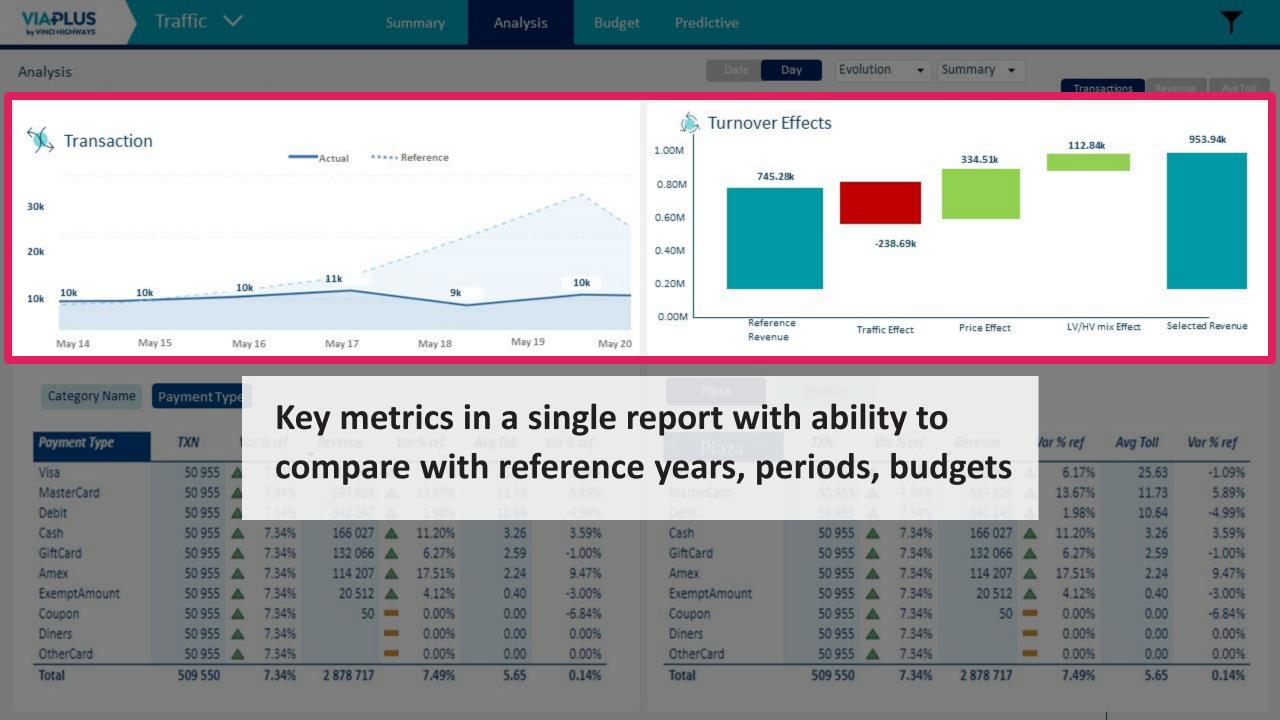
Payment Type

Payment Type	TXN	Va	r % ref	Revenue	V	or % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	_	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955	_	7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50		0.00%	0.00	-6.84%
Diners	50 955	_	7.34%		100	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		1000	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%

Plaza

Produc

• Plaza	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	A	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955		7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	-	0.00%	0.00	-6.84%
Diners	50 955		7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		-	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%





raffic 🗸

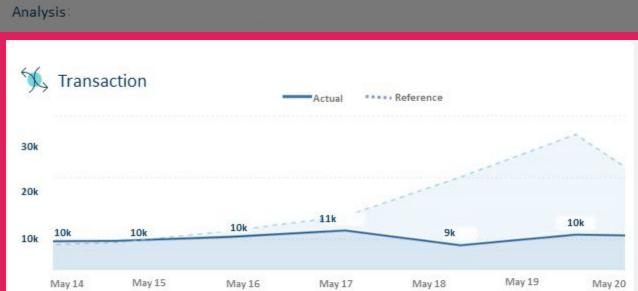
ummary

Analysis

Budget

Predictive







Category Name

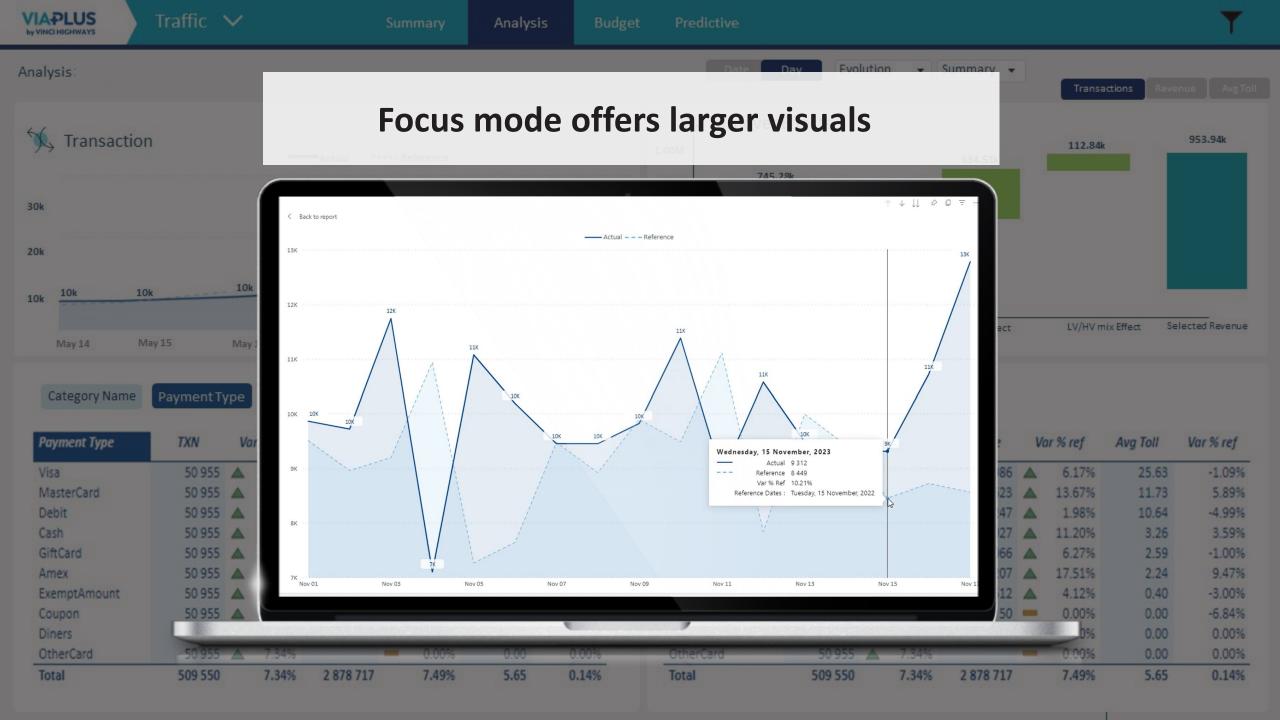
Payment Type

Payment Type	TXN	Va	r % ref	Revenue	V	or % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986		6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955	_	7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50		0.00%	0.00	-6.84%
Diners	50 955		7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		1000	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%

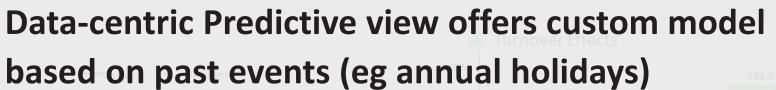
Plaza

roduct

• Plaza	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	_	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955		7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	-	0.00%	0.00	-6.84%
Diners	50 955		7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		-	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%









Predictive

Category Name	Payment Type

Transaction

Payment Type	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	_	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955	_	7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	0000	0.00%	0.00	-6.84%
Diners	50 955	_	7.34%		-	0.00%	0.00	0.00%
OtherCard	50 955		7.34%		1000	0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%

Plaza Product

• Plaza	TXN	Va	r % ref	Revenue	V	ar % ref	Avg Toll	Var % ref
Visa	50 955	A	7.34%	1 305 986	A	6.17%	25.63	-1.09%
MasterCard	50 955		7.34%	597 623		13.67%	11.73	5.89%
Debit	50 955		7.34%	542 247		1.98%	10.64	-4.99%
Cash	50 955		7.34%	166 027		11.20%	3.26	3.59%
GiftCard	50 955		7.34%	132 066		6.27%	2.59	-1.00%
Amex	50 955		7.34%	114 207		17.51%	2.24	9.47%
ExemptAmount	50 955		7.34%	20 512		4.12%	0.40	-3.00%
Coupon	50 955		7.34%	50	-	0.00%	0.00	-6.84%
Diners	50 955		7.34%			0.00%	0.00	0.00%
OtherCard	50 955		7.34%			0.00%	0.00	0.00%
Total	509 550		7.34%	2 878 717		7.49%	5.65	0.14%

Transactions

112.84k

953.94k

OTHER FEATURES

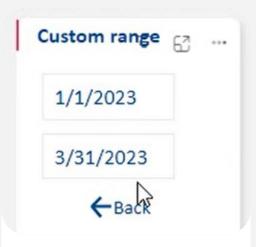


View metrics of multiple assets in a single dashboard



Date _	Event Type
Fri 22 Apr 2022	Public Holidays
Sun 24 Apr 2022	Public Holidays
Mon 25 Apr 2022	Public Holidays
Mon 02 May 2022	Public Holidays
Mon 13 Jun 2022	Public Holidays
Mon 15 Aug 2022	Public Holidays
E-: 20 O -+ 2022	D. J. C. 11 - C.J

Filter data by specific events (holidays, elections, sports, etc)



Compare a calendar day or week across a reference period



Copy visuals into
PowerPoint for quick presentations

