

Palumbo_Robert_SAS_Part3

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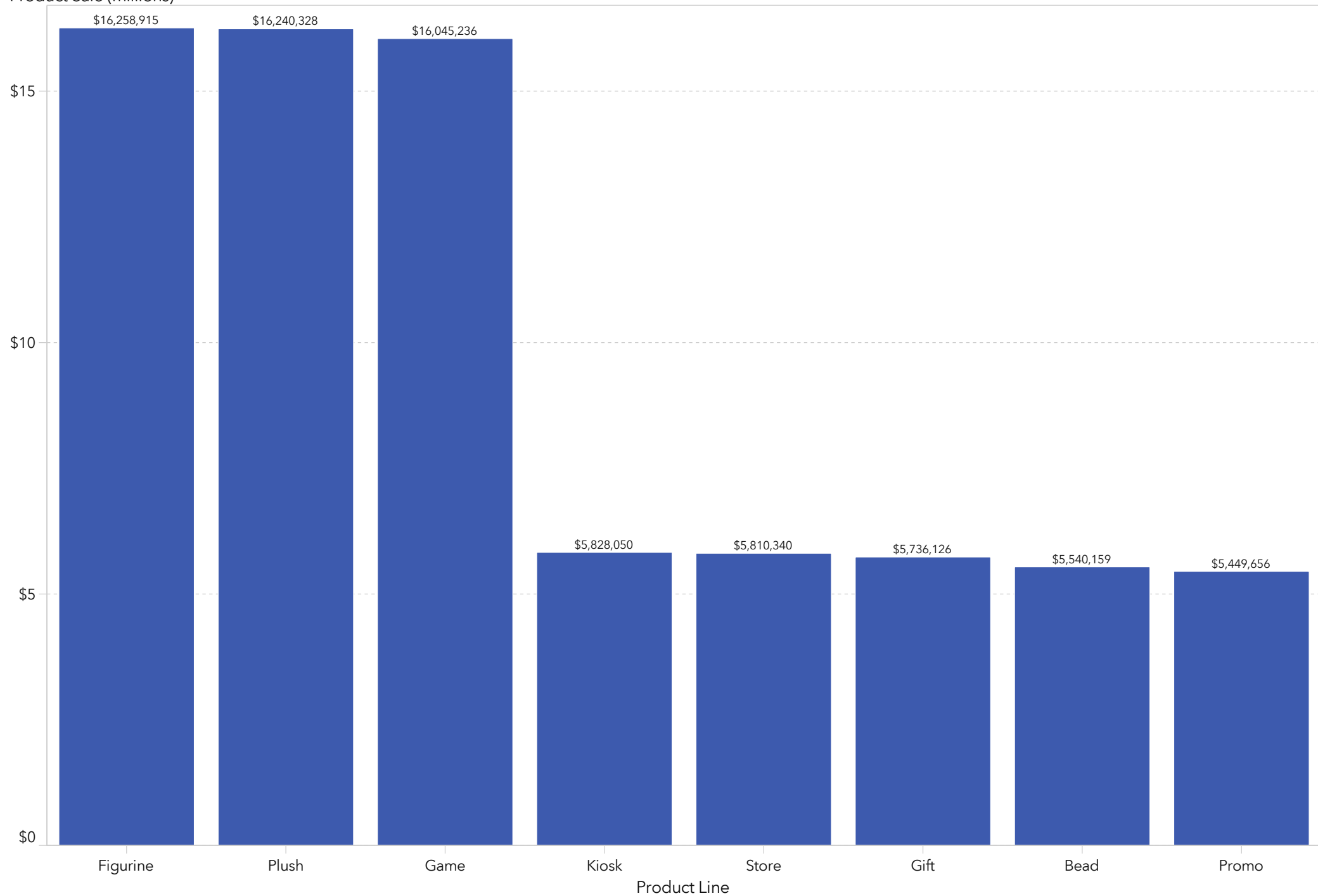
Author: Robert Palumbo

Robert Palumbo
CIS570 BI
BI Project Part3
SAS Visual Analytics Reports

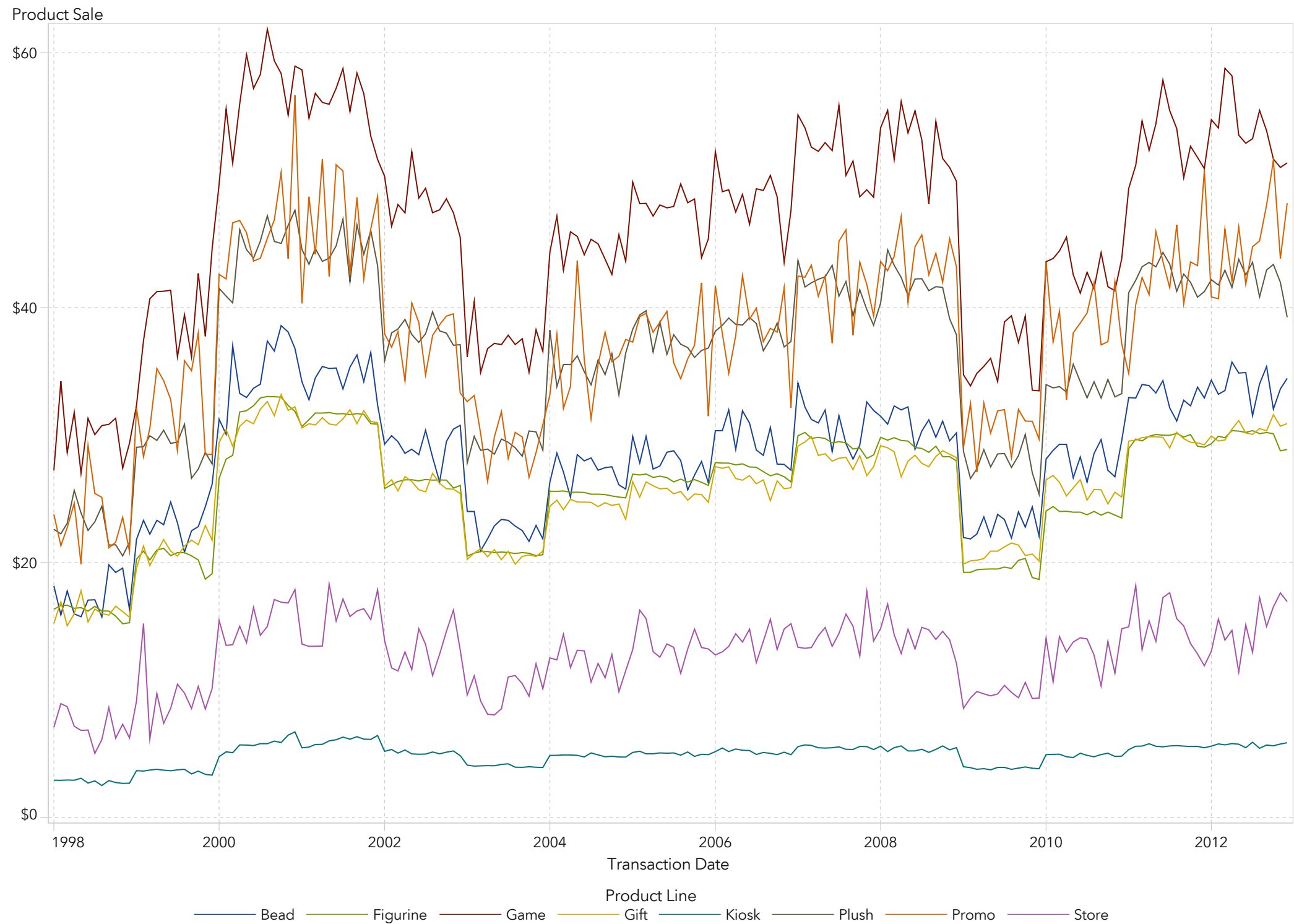
Product Sales by Product Line

Visualization 1 (Robert Palumbo CIS570)

Product Sale (millions)



Product Sales by Product Line by Year



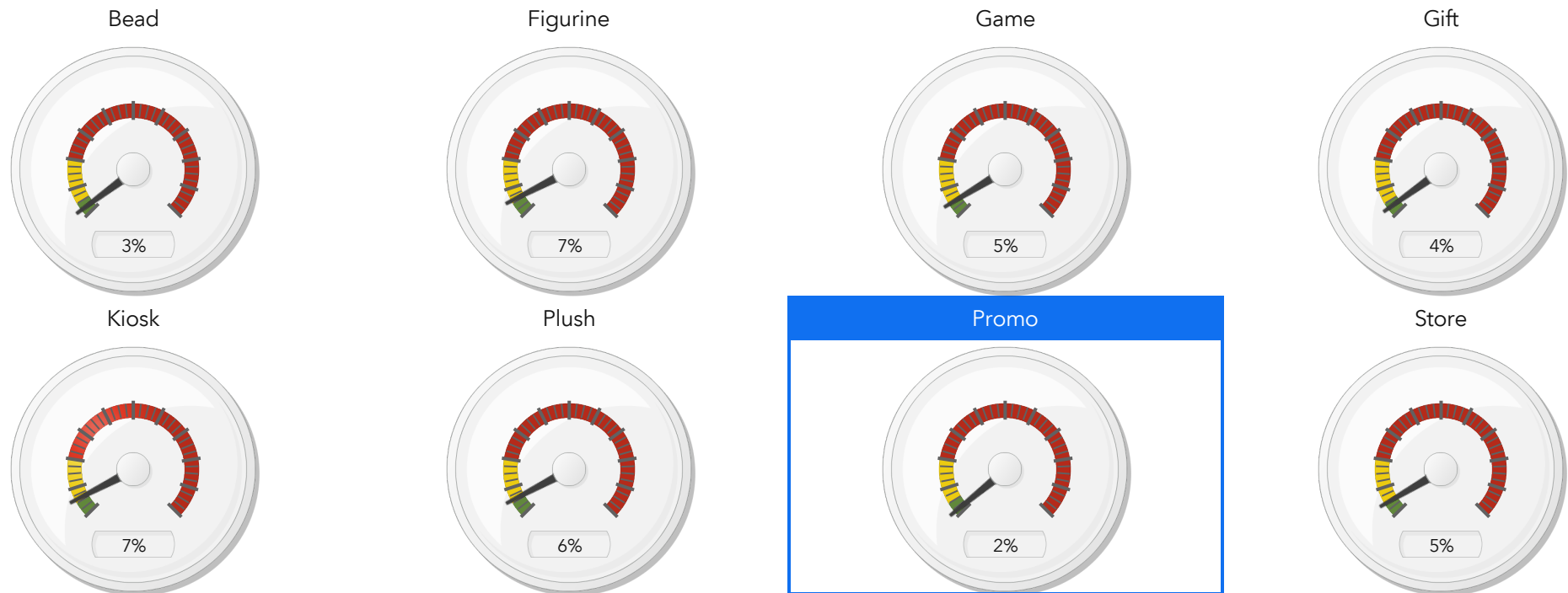
Sale Rep Performance

Sales Rep ▲	Sales Rep Rating ▼	Customer Satisfaction	Sales Rep Customer Base
PELIMA..001072	97%	91%	326,001,132,000
COBOGOTA000873	96%	91%	170,042,894,000
BRSAOPAU001472	96%	91%	373,974,463,000
NGLAGOS.001242	96%	92%	81,870,083,000
EGCAIRO.001696	96%	90%	29,922,645,000
CAVANCOU001727	96%	91%	41,717,735,000
USNEWYOR000055	95%	90%	288,409,502,000
MACASABL000526	95%	90%	14,134,893,000
MACASABL000572	95%	90%	9,932,739,000
NGLAGOS.001281	93%	90%	73,431,296,000
CLSANTIA000793	92%	88%	124,988,364,000
EGCAIRO.001689	92%	87%	29,268,207,000
USNEWYOR000049	91%	87%	56,461,019,000
ZACAPETO000727	91%	86%	12,182,403,000
BRRIODEJ001685	89%	86%	115,231,883,000
USPHILAD001361	86%	83%	16,314,270,000
USPITTSB001570	83%	81%	4,051,327,000
EGCAIRO.001751	81%	79%	5,641,440,000
MACASABL000571	79%	78%	3,349,338,000
VECARACA000120	76%	78%	24,472,067,000
USST.LOU002325	74%	75%	218,474,000
ZACAPETO000726	73%	72%	421,185,000
USBILLIN002272	73%	74%	127,865,000
MXTIJUAN000708	72%	74%	538,992,000
BRSAOPAU001612	72%	72%	11,116,378,000
GBLONDON001406	70%	71%	69,528,681,000
USCHEYEN002176	69%	69%	62,580,000
USSANTAF002236	68%	69%	74,520,000
USMANCHE002128	67%	68%	183,040,000
VECARACA000553	67%	71%	24,059,521,000

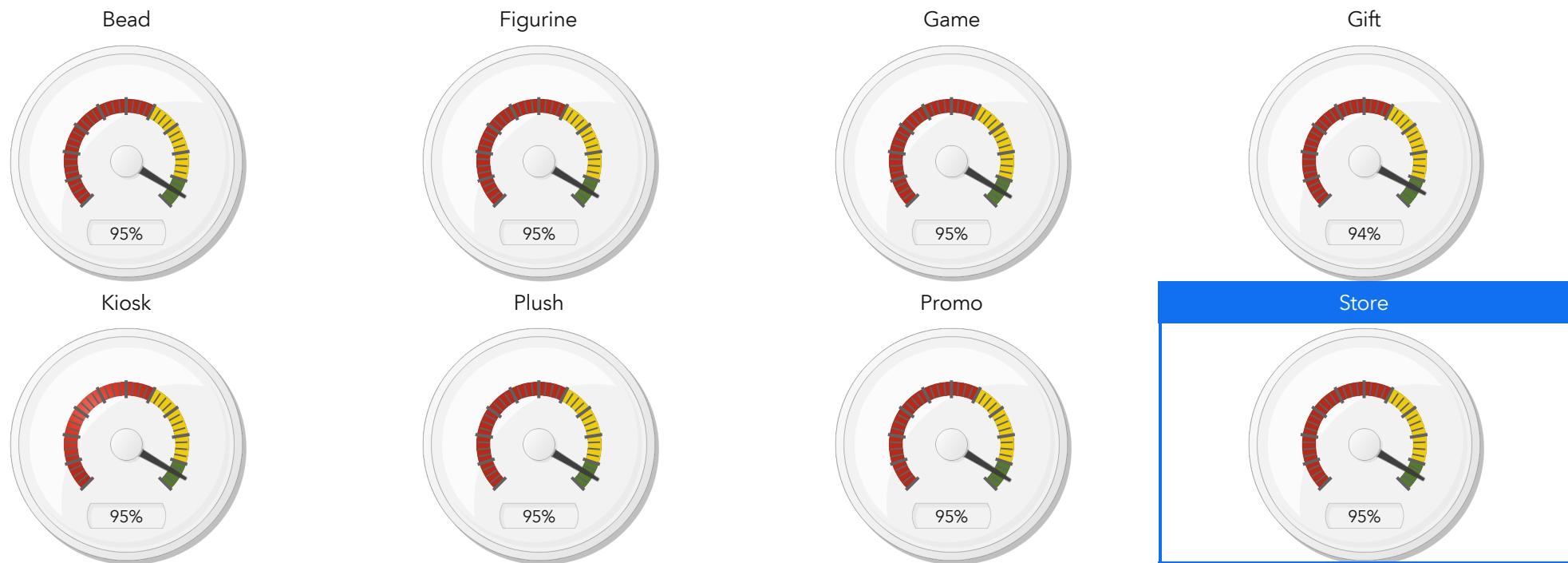
Facility Performance

Facility	Facility City	Facility Country	Facility Efficiency	Product Quality	Customer Satisfaction ▼	Facility Employees
USNEWYOR0092	New York	United States	95%	87%	83%	220,214
USPITTSB0094	Pittsburgh	United States	95%	87%	52%	244,520
USPHILAD0093	Philadelphia	United States	95%	87%	50%	228,040
USMANCHE0099	Manchester	United States	85%	88%	49%	79,996
USBURLIN0101	Burlington	United States	85%	88%	49%	90,368
USPORTLA0098	Portland	United States	85%	88%	47%	75,124
USOMAHA.0059	Omaha	United States	80%	86%	47%	208,848
USSALEM.0073	Salem	United States	90%	86%	47%	173,352
USOAKLAN0070	Oakland	United States	90%	86%	47%	137,936
USOLYMPI0074	Olympia	United States	90%	86%	46%	185,924
USPORTLA0071	Portland	United States	90%	86%	46%	153,824
USPIERRE0061	Pierre	United States	80%	86%	46%	226,944
USPROVID0100	Providence	United States	85%	88%	45%	86,152
USALBUQU0082	Albuquerque	United States	85%	87%	45%	225,664
USST.LOU0056	St. Louis	United States	80%	86%	45%	189,412
USLINCOL0060	Lincoln	United States	80%	86%	45%	222,784
USJEFFER0057	Jefferson City	United States	80%	86%	45%	193,728
USSANFRA0067	San Francisco	United States	90%	86%	44%	103,788
USSEATTL0072	Seattle	United States	90%	86%	44%	163,932
USSACRAM0069	Sacramento	United States	90%	86%	44%	128,732
USBUFFAL0091	Buffalo	United States	95%	87%	44%	132,108
USLASVEG0085	Las Vegas	United States	85%	87%	44%	243,888
USFRESNO0068	Fresno	United States	90%	86%	44%	110,004
USMADISO0048	Madison	United States	90%	86%	44%	108,024
USSALTLA0086	Salt Lake City	United States	85%	87%	44%	242,540
USSTPAUL0054	St Paul	United States	80%	86%	43%	164,264
USKANSAS0055	Kansas City	United States	80%	86%	43%	183,580
USWORCES0097	Worcester	United States	85%	88%	43%	69,024
USBISMAR0058	Bismarck	United States	80%	86%	43%	204,072

Product Line Performance

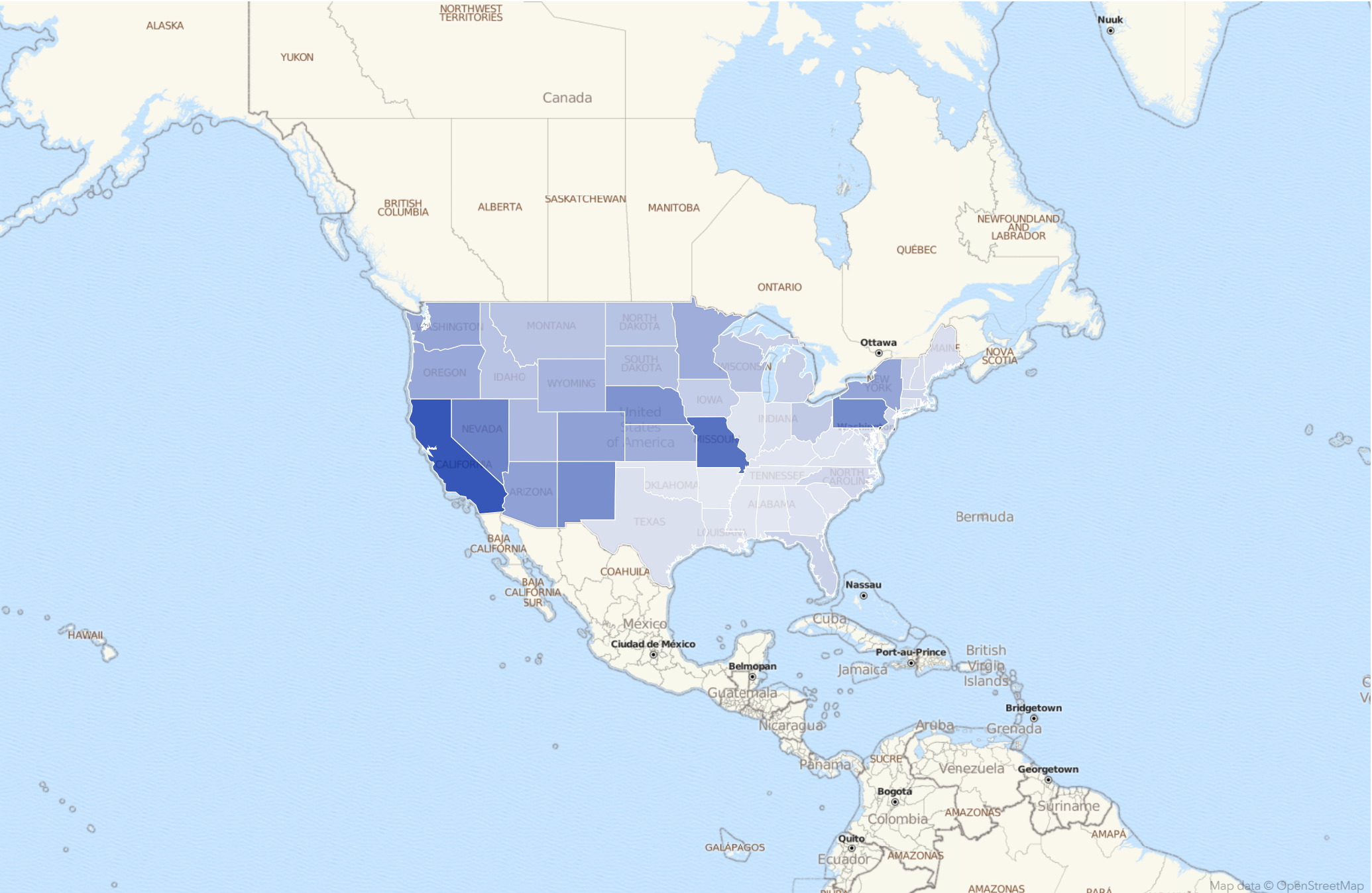


[A4.1](#)



[A4.2](#)

USA Product Line Sales by State



A1.1	Product Lines Sales
Filters	Transaction Year BetweenInclusive(1998; 2012)
A2.1	Visualization 2 (Robert Palumbo CIS570)
Filters	Transaction Month BetweenInclusive(MIN; MAX) Transaction Year BetweenInclusive(1998; 2012)
A3.1	Visualization 4 (Robert Palumbo CIS570)
Filters	(Facility Continent In('North America')) AND Facility Continent NotMissing Facility Country In(ALL) Facility Efficiency (Average) BetweenInclusive(MIN; MAX) Facility Country = 'United States'
A4.1	Product Line Defect Performance (Visualization 5 Robert Palumbo CIS570)
Filters	(Transaction Year BetweenInclusive(2009; 2012)) OR Transaction Year Missing
Display Rules	Unit Discard Rate <div><div></div> 0% ≤ x < 5%</div> <div><div></div> 5% ≤ x < 20%</div> <div><div></div> 20% ≤ x ≤ 100%</div>
A4.2	Product Line Reliability Performance (Visualization 5 Robert Palumbo CIS570)
Display Rules	Unit Reliability <div><div></div> 0% ≤ x < 60%</div> <div><div></div> 60% ≤ x < 90%</div> <div><div></div> 90% ≤ x ≤ 100%</div>
A5.1	USA Product Sales by State
Filters	Facility State In(ALL) (Facility Country In('United States')) AND Facility Country NotMissing Product Line = 'Kiosk'