

| Go Good - Co Sponsored R → C Histal Year - B200 0 0 | pointeactor project Expenses | passing Suff Cotons nditures 2002 0200 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 000 | BI 2003 BI 2004 Total Expenditures Total Ex | Barrottures To | 2005 (8) | 2006 |
|---|--|---|--|---|---|---|
| d * Oned Sponsored Sponsored Total Expenditures * Total Expenditures * * Total Expenditures * * * * * * * * * * * * * * * * * | B 2001 B Color Colo | COD2 12002 1202 | B 2003 B 2004 Total Espendeures Total E Prace Table Frank Line Despense to benettable B ♥ Espendiures ■ (1) Treats | spendtures To | 2005 (B) stal Expenditures To \$1,367 \$600,657 \$1,149,971 | 2006 Stal Exp |
| d * Oned Sponsored Sponsored Total Expenditures * Total Expenditures * * Total Expenditures * * * * * * * * * * * * * * * * * | B 2001 B Color Colo | COD2 12002 1202 | B 2003 B 2004 Total Espendeures Total E Prace Table Frank Line Despense to benettable B ♥ Espendiures ■ (1) Treats | spendtures To | 2005 (B) stal Expenditures To \$1,367 \$600,657 \$1,149,971 | stal Esp |
| d * Oned Sponsored Sponsored Total Expenditures * Total Expenditures * * Total Expenditures * * * * * * * * * * * * * * * * * | B 2001 B Color Colo | COD2 12002 1202 | B 2003 B 2004 Total Espendeures Total E Prace Table Front Sele Despense to the Next Sele € Capediures Selections € Capediures Selections | spendtures To | 2005 (B) stal Expenditures To \$1,367 \$600,657 \$1,149,971 | stal Esp |
| d * Oned Sponsored Sponsored Total Expenditures * Total Expenditures * * Total Expenditures * * * * * * * * * * * * * * * * * | B 2001 B Color Colo | COD2 12002 1202 | B 2003 B 2004 Total Espendeures Total E Prace Table Front Sele Despense to the Next Sele € Capediures Selections € Capediures Selections | spendtures To | 2005 (B) stal Expenditures To \$1,367 \$600,657 \$1,149,971 | otal Esp |
| Sponsored R = 0 0 Fincel Year • = 0 0 = • • Total Expenditores \$52,528 \$748,097 \$459,100 \$1,862,921 | Project Expen 8 2001 Expenditures Tr \$1,932 \$926,201 \$54,974 \$280,291 \$276 | 12002 12002 1tal Expendences 1970 24 1207,49 1225,79 | Bi 2003 Bi 2004 Total Expenditures Total E Prest table for the Prest Table Bi Oragiones to the Prest Table Bi Compositions of the Prest Table Bi Compositions of the Prest Table Bi Composition of the Prest Table | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Esp |
| Hocal Year • B B 2000 872 553 \$* Total Expenditores \$42,553 \$\$42,9031 \$40,972 \$\$49,000 \$1,862,921 | 8 2001 8 Total Expenditures Tr \$1.932 \$926,201 \$64,974 \$260,291 \$216 | 12002 otal Expenditures \$760 \$790,24 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Exp |
| Hocal Year • B B 2000 872 553 \$* Total Expenditores \$42,553 \$\$42,9031 \$40,972 \$\$49,000 \$1,862,921 | 8 2001 8 Total Expenditures Tr \$1.932 \$926,201 \$64,974 \$260,291 \$216 | 12002 otal Expenditures \$760 \$790,24 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Esp |
| Fincal Year • (8 2000) (8 (8 - Total Expenditures) 462 (72) 440 (972 5469 (100) \$1 862 (92) | Total Expenditures To \$1,932 \$926,201 \$54,974 \$260,291 \$218 | otal Expenditures \$760 \$790.244 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Exp |
| B 2000 B + • Total Expenditures 1 \$52,529 \$740,091 \$40,972 \$459,100 \$1,862,921 | Total Expenditures To \$1,932 \$926,201 \$54,974 \$260,291 \$218 | otal Expenditures \$760 \$790.244 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Exp |
| B 2000 B + • Total Expenditures 1 \$52,529 \$740,091 \$40,972 \$459,100 \$1,862,921 | Total Expenditures To \$1,932 \$926,201 \$54,974 \$260,291 \$218 | otal Expenditures \$760 \$790.244 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,657 \$1,149,971 | otal Exp |
| B 2000 B + • Total Expenditures 1 \$52,529 \$740,091 \$40,972 \$459,100 \$1,862,921 | Total Expenditures To \$1,932 \$926,201 \$54,974 \$260,291 \$218 | otal Expenditures \$760 \$790.244 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,867 \$1,149,971 | otal Exp |
| e - Total Expenditures 1 \$52,528 \$749,091 \$40,972 \$459,100 \$1,962,921 | Total Expenditures To \$1,932 \$926,201 \$54,974 \$260,291 \$218 | otal Expenditures \$760 \$790.244 \$267,49 \$225,78 | Total Expenditures Total E Protituite field ted Drag tens to the ProtTable le Constitues Dispondenes Dispondenes | spendtures To | tal Expenditures To \$1,367 \$688,867 \$1,149,971 | otal Esp |
| \$749,091 \$40,972 \$459,100 \$1,862,921 | \$926,201 \$54,974 \$260,291 \$218 | \$790,24 \$267,49 \$225,78 | Drag Rens to the PivotTable is Expenditures [11] Totals | 1 074 | \$688,657 \$1,149,971 | |
| \$40,972 \$459,100 \$1,862,921 | \$54,974 \$260,291 \$218 | \$267,49 \$225,78 | Drag Rens to the PivotTable is Expenditures [11] Totals | 1 074 | \$1,149,971 | |
| \$459,100 \$1,862,921 | \$260,291 \$218 | \$225,78 | Espendhaves | | | |
| \$1,952,921 | \$218 | - 10.043 | Totals | | 41,000,000 | |
| | | \$1,655,47 | (11) Deart Costs | | | |
| 63 154 511 | | | | 1,139 | \$2,487,916 | |
| | | \$3,40 | | 1997 B | | - 8 |
| | \$2,730,819 | \$2,943,21 | Total Expenditur | | \$5,504,761 | \$ |
| \$308,977 \$73,563 | \$221,948 \$57,329 | \$428.10 | # Account_Type | 010 | | |
| | | | | | \$570.761 | |
| \$4,097,134 | \$5,883,681 | | | 9,740 | \$11,022,889 | \$ |
| \$248,958 | \$269,732 | \$156,23 | a Diverstigators | | \$406,088 | |
| | | | # D thats | | | \$2 |
| | | | | | | \$2 |
| \$3,497,952 | \$3,196,911 | \$2,886,264 | | 2864 | \$4,474,092 | 5 |
| \$190,214 | \$238,329 | \$251,91 | | 2,181 | \$720,669 | - |
| \$5,889 | \$3,131 | \$4,60 | | 5,014 | \$98,296 | |
| 10 | | \$4,68 | | | | |
| | | 0.24 | Addas Buickess | | \$0,922 | |
| \$1,600,381 | \$2,463,893 | \$1,679,60 | \$1,523,717 | 1.008 | \$2,049,426 | |
| \$1,054,106 | \$1,291,104 | \$1,365,942 | \$1,771,655 | \$2,390,749 | \$3,724,072 | |
| \$22,845,383 | \$27,372,424 | | | | \$38,286,464 | \$1 |
| | | | | | | |
| \$0,363,962 | \$7,347,541 | #0,552,545 | PRAD/13 | \$3,534,263 | | |
| | | | | | **** yol | |
| \$5,044 | \$13,038 | | | | | |
| | | | | | | \$ |
| | | | | 124,571,052 | \$144,593,062 | \$4. |
| | | | | .4322 | | |
| \$153,425 | \$76,017 | | | \$167.082 | \$134,590 | |
| \$597,093 | \$479,708 | \$765,369 | \$848,870 | \$565,978 | \$545,936 | |
| \$471,519 | \$309,945 | | | \$253,136 | \$330,430 | |
| | | | | \$79,133 | | |
| \$193,300 | | \$232,813 | \$260,647 | \$290,995 | \$285,355 | |
| | Ex48.982 4523.770 141.118.427 141.118.427 141.118.427 141.118.427 141.00.381 141.00 | 44.027.134 66.00.021 64.027.134 66.00.021 64.01.016.022 64.021 64.01.016.022 64.021 64.01.016.022 64.021 64.01.016.022 64.021 64.016.022 64.021 64.002 64.021 64.0021 64 | 44,097,134 46,038,081 47,44,20 16,039,039 169,23 169,23 16,139,224 114,045,130 169,23 16,139,224 114,045,130 169,23 16,139,224 114,045,130 169,23 16,139,224 114,045,130 169,023 16,147,224 114,045,130 12,042,93 16,107,224 114,045,130 12,042,93 16,108 12,052,03 12,052,03 16,109 11,230,103 14,045 16,100,318 12,345,130 11,239,154 16,100,318 12,324,134 12,325,435 16,100,318 12,324,145 12,325,445 16,100,318 12,324,145 12,325,445 16,100,310 17,324,544 15,325,925 16,100,310 17,324,544 15,325,925 16,100,310 17,324,544 15,325,925 16,100,310 17,324,544 15,325,925 16,100,310 17,324,544 15,325,925 16,100,310 17,324,544 15,325,925 <t< td=""><td>E11:50 H 211:13 F21:53 F1 Epicebase Epicebase<!--</td--><td>E31950 E31950 E31950<</td><td>CB11500 M470110 M523018 C pandbara, Spann C pandbara, Spann</td></td></t<> | E11:50 H 211:13 F21:53 F1 Epicebase Epicebase </td <td>E31950 E31950 E31950<</td> <td>CB11500 M470110 M523018 C pandbara, Spann C pandbara, Spann</td> | E31950 E31950< | CB11500 M470110 M523018 C pandbara, Spann C pandbara, Spann |





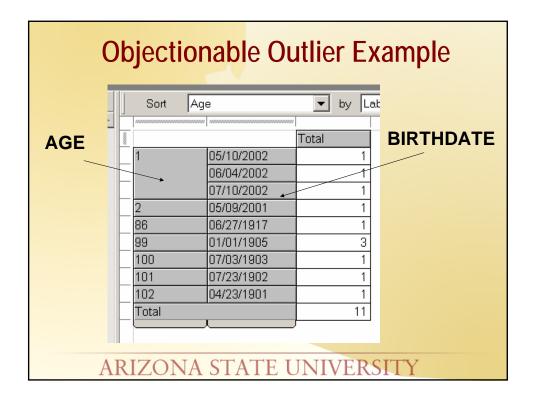


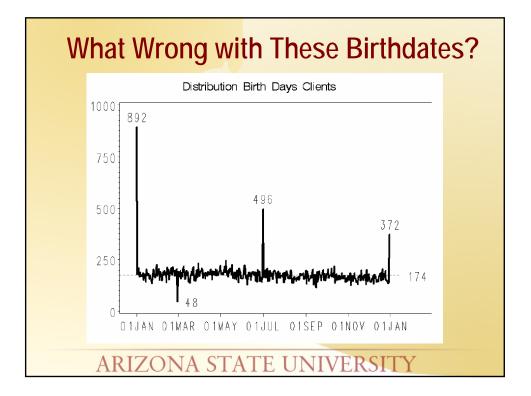


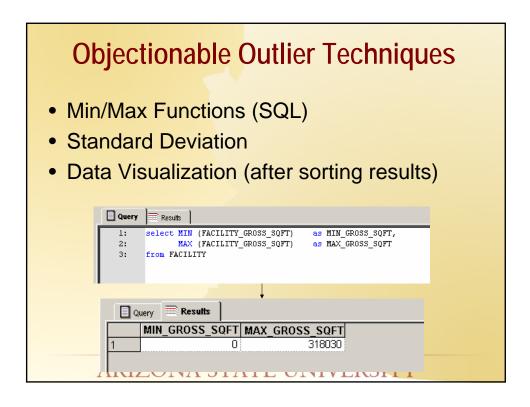
| Wh | at's Wrong | With T | his [| Data? | |
|---------------------|--------------------------|-----------------|---------|------------|---------|
| Name | Address | City | State | Zip | Country |
| John Rome | 1235 North Sunnyvale #47 | Mesa | AZ | 85205-4347 | USA |
| Tiger Woods | PO Box 871203 | Boulder | Colo | 12345 | US |
| John Porter | 123 Oak Street | Temple | AZ | 852011223 | US |
| Foyt, A.J. | 555 Temper Blvd. | Indianapolis | INDIANA | 33045 | |
| Evander Holyfield | Missing Ear Drive | Atlanta | GA | 11111-1234 | US |
| John Rome | 145 N. Greenfield Rd. | Mesa | AZ | 85203 | US |
| Sir Charles Barkley | 4545 S. Scotsdale Blvd | Paradise Valley | AZ | 85288 | US |
| | | | | | |
| ARI | ZONA STAT | E UNIV | ERSľ | ГΥ | |

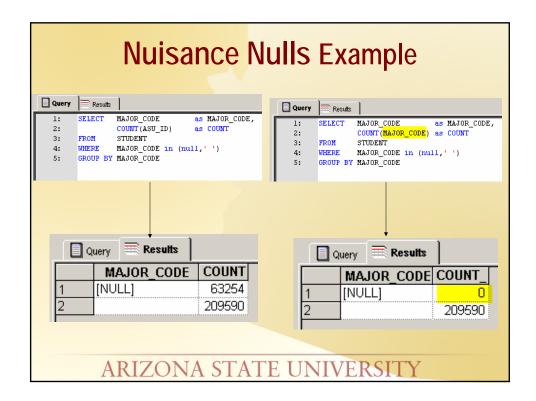


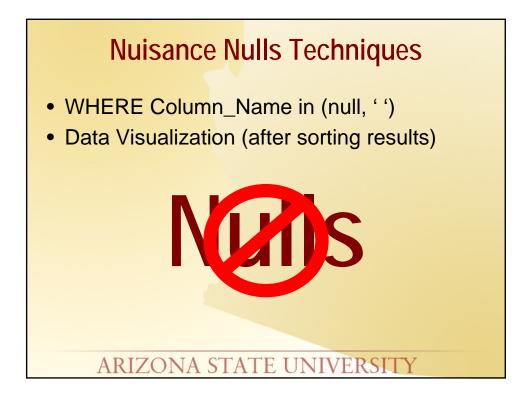
| FACILITY SERVICE SQFT | FACILITY MECHANICAL SQFT | FACILITY WALL SQFT |
|-----------------------|--------------------------|--------------------|
| 822 | 1303 | -40307 |
| 168 | 249 | -6825 |
| 412 | 302 | -6344 |
| 310 | 260 | -6117 |
| 281 | 261 | -3396 |
| 595 | 95 | -594 |
| [NULL] | [NULL] | [NULL] |
| 33 | 5 | 117 |
| 228 | [NULL] | [NULL] |
| 23 | 120 7 | 233 |
| 296 | 7 | |
| 296 | 7 | [NULL] |
| 71 | 29 | 240 |
| 122 | [NULL] | [NULL] |
| 41 | [NULL] | [NULL] |
| [NULL] | [NULL] | [NULL] |
| [NULL] | [NULL] | [NULL] |
| 77 | 157 | 246 |
| 69 | [NULL] | [NULL] |
| 510 | | 272 |



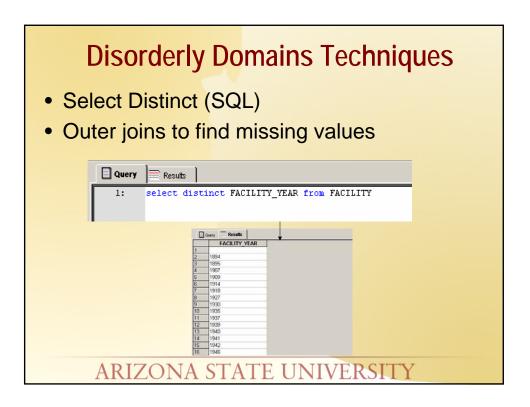


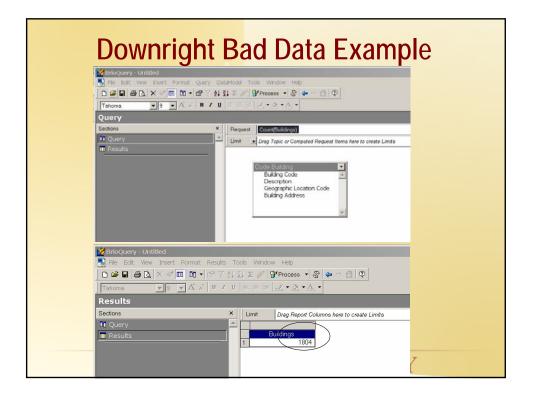




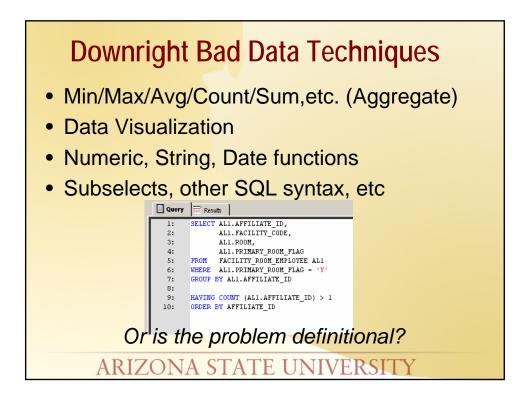


| | Facility Location Code | Facility Location Description |
|---|---------------------------|-------------------------------|
| | 12 | |
| 2 | DT | DOWNTOWN CENTER |
| 3 | EC | EAST CAMPUS |
| 4 | МС | MAIN CAMPUS |
| 5 | ос | OFF CAMPUS |
| 6 | RP | RESEARCH PARK |
| 7 | TZ | CAMP TONTOZONA |
| 3 | WC | WEST CAMPUS |





| | Building Code | Description |
|-----|---------------|------------------------------|
| 308 | СННS | CHOLLA HIGH SCHOOL |
| 309 | CHILD | CAMPUS CHILDRENS CENTER |
| 310 | CHINA | PEOPLE'S REPUBLIC OF CHINA |
| 311 | CHKEE | CHEROKEE |
| 312 | CHLGR | CHALLENGER ELEMENTRAY SCHOOL |
| 313 | CHNDH | CHANDLER HS |
| 314 | CHNDL | CHANDLER DISTRICT 80 |
| 315 | CHNDR | CHANDLER, AZ |
| 316 | CHNDS | CHANDLER JHS, CHANDLER |
| 317 | CHNLB | CHINLE BOARDING SCHOOL |
| 318 | CHNLE | CHINLE,AZ |
| 319 | CHNLH | CHINLE HS |
| 320 | CHNLJ | CHINLE JHS, CHINLE |
| 321 | CHOLA | CHOLLA APARTMENTS |

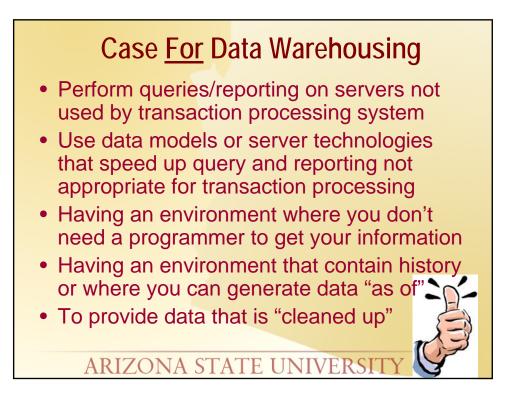


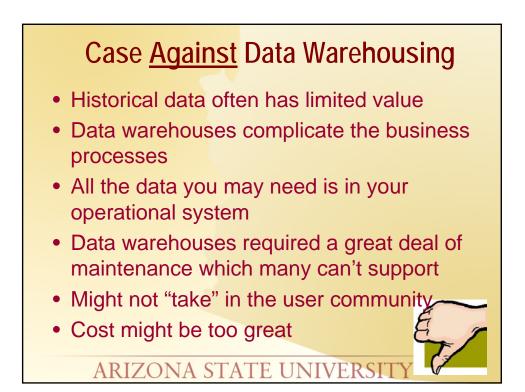
Data Cleansing Techniques

AKA - Data Hygiene

- Focus on high-payoff data elements
- Interrogate data elements individually and collectively
- Standardization on national codes
- Conduct data audit for conformity of domain
- Document transformation rules and test
- Go back to the source if necessary

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Warehousing Biggest Obstacles

- Political Issues
- Poorly defined goals
- Lack of resources
- Technical limits
- Poor understanding of legacy data
- Poor data quality
- Lack of end-user support

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