

DAT 300 Project Two Template: Gap Analysis

REFERENCE NO.	ITEM	CURRENT STATE	DESIRED STATE
#. Sample	Breakroom Refrigerator	Food left in breakroom refrigerator rots	Regular cleaning by staff to prevent rotten food
#. Sample	Delivery of Supplies	Deliveries are late 5% of the time due to late requests	100% on-time delivery
1	KC Data Extract	Data stored in database incompatible with MSQL warehouse.	Extracted to Excel spreadsheet.
2	KC Data Transformation	Data stored in Excel with null and erroneous values	Data free of null and erroneous values, formatted to match other facilities data
3	KC Data Load	Data stored on Excel Spreadsheet	Data moved into MSQL warehouse with rest of facilities data
4	Create Process for future KC data	KC data being loaded into defunct AS400 database	Future KC data to be loaded into MSQL warehouse

ASSIGNED TO	ACTION ITEMS
DA1	Create cleaning schedule Post schedule Send reminder for the first few weeks
DA1	Work with ordering teams to submit requests earlier
DA2	Extract data to Excel from AS400 database.
DA2	Format data cells to match formatting of other facilities data. Use supplemental word document to correct and populate null and erroneous values. Adjust month numbering to start with "2" to match current data in warehouse.
DA2	Process data load from Excel spreadsheet to MSQl data warehouse.
DA1	Create a process to load future data from KC facility into MSQl warehouse so that this project will not have to be done monthly.