



DATA INTEGRATION

SYSTEM ARCHITECTURE

- Recommend modifications to achieve the most advantageous system infrastructure.
- Propose server architecture based on business expectations.
- Estimate storage requirements to effectively support organizational objectives.
- Offer objective evaluation and suggestions of data mining, statistical, data processing, and scheduling software.

DATA WAREHOUSING

- Integrate data from existing systems into a common infrastructure.
- Merge data from multiple platforms and sources so that it may be efficiently accessed.
- Standardize data reflecting multiple formats into a universal layout so that it may be easily accessed.
- Provide data mapping services to uncover the sources of data.
- Define data elements.
- Uncover what data should be retained on an ongoing basis.
- Streamline the data collection process.
- Schedule periodic updates of key data elements.
- Insure the optimal amount of actionable data is maintained relative to purpose.
- Investigate accuracy of data elements by reviewing missing values and confirming those values present mirror those expected.
- Cleanse data as required to guarantee accuracy.
- Develop and implement long-term maintenance and monitoring processes to ensure integrity.
- Create data dictionary to provide accurate reference for existing employees and ease the learning curve of new hires.
- Determine long-term maintenance goals for data dictionary after initial construction.

DATA ENHANCEMENT

- Evaluate external data sources and make recommendations on those relevant to the business.
- Supply resources to obtain, maintain, and integrate external data with existing in-house data.
- Lend technical support toward the installation of scoring models and business policies.
- Furnish model scoring services.
- Contribute assistance in the implementation of measurement and analytical tools.
- Measure and analyze results of implemented solutions.
- Summarize data elements to provide insight at a customer, household, and/or residential level.
- Advise proper sampling methods to obtain desired subpopulations of appropriate size.