

DATA QUALITY

Data quality framework design

Type	Purpose	Nature
Availability	<ul style="list-style-type: none"> › Has all available data been taken into consideration? › Is the entire perimeter covered? All relevant variables taken? 	Data Selection & Data Check
Completeness	<ul style="list-style-type: none"> › Is the data easily available in the systems? › Is it available at the appointed time? 	
Compliance	<ul style="list-style-type: none"> › Are there any missing values or outliers? › Are volumes significant enough to threaten the data's validity? 	
Validity	<ul style="list-style-type: none"> › Is the data set correctly adjusted to deal with extreme values? › Are the adjustments on missing values and outliers valid? 	
Acceptability	<ul style="list-style-type: none"> › Are the adjustments acceptable? Do they generate distortions? › Is it acceptable to replace missing values by "0"? 	Data Cleansing
Accuracy	<ul style="list-style-type: none"> › Does the data set reflect a real-world fact or event? › Are the indicated trends accurately reflected in the state of the economy? 	Data Profiling
Consistency	<ul style="list-style-type: none"> › Is variable evolution consistent with other internal sources? › Is it consistent with the nature of products? Geographic region? 	
Relevance	<ul style="list-style-type: none"> › Are the hypotheses used for transforming data relevant? Pertinent? › Are they justified? Necessary? 	Data Transfo
Twisting	<ul style="list-style-type: none"> › Does the transformation generate significant distortions? › Does it twist reality? Deform results? 	



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