Avant Internship Review

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Avant

July 31, 2017

Data Quality Framework

Project 1: Handling NaNs

Problem

- ► Tradelines hourly check reported false positive alters
- NaNs in the report tables

Root Cause

- Merged two tables based on a categorical key
- Used NULL values when right table didn't contain a key

Solution

- Added a NaN-handling step
- replaced all NaNs with 0

Data Quality Framework

Project 2: Created Data Quality Checks for Credit Decision and Product Decision

My work

- Wrote SQL queries to select inputs and calculate summary statistics
- Merged the queries into DQF to create garden jobs

Difficulty

All inputs nested in to one column as a String

Solution

 Used plit_part and substring to phrase inputs into individual into different variables

Direct Mail

Project 3: Fixed garden jobs that create suppression files

Problem

► Decline garden job could not finish

Root Cause

The job's query was interrupted by followers

Solution

- Read the origina Iquery and document the locical structure in Conflunece
- Translate query to Hive sql
- Validate results of Psql and Hive query

- Your introduction goes here!
- ▶ Use itemize to organize your main points.

Examples

Some examples of commonly used commands and features are included, to help you get started.

Tables and Figures

- Use tabular for basic tables see Table 1, for example.
- You can upload a figure (JPEG, PNG or PDF) using the files menu.
- ▶ To include it in your document, use the includegraphics command (see the comment below in the source code).

Item	Quantity
Widgets	42
Gadgets	13

Table 1: An example table.

Readable Mathematics

Let X_1,X_2,\ldots,X_n be a sequence of independent and identically distributed random variables with $\mathsf{E}[X_i]=\mu$ and $\mathsf{Var}[X_i]=\sigma^2<\infty$, and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_{i=1}^{n} X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.