Get log files distilled for a number of features (1.03:23, 1.34:45)

Main Intent: Understand what data means. (2.17:13)
Sub-intent: See what things are correlated and decide if questionnaire can be trusted (1.09:49, 1.11:54)

Select machine learning algorithm (Somewhere on tape 2)

Implement machine learning algorithm (1.03:00, 1.18:00)

Feed data into machine learning algorithm

Import into excel. (1.22:45)

Sort by highest correlation. (1.23:15)

Look for spreadsheet to translate scalars of feature back to feature vectors (1.21:00, 1.21:48, 1.25:50)

Sub-intent: Examine and understand correlations. (1.37:00)

Trigger: Spreadsheet lost. User must re-derive formula (1.25:50)

Open old spreadsheet from previous study (1.26:15)

Write formula to translate feature scalars into vectors (1.30:10)

Apply translation formula to all rows in the spreadsheet (1.31:00)

Test formula for sanity (1.31:10)

Are top 10 correlations labeled? (1.31:45)

Ready to begin reasoning about correlations? (1.40:00)

NO

Switch to sheet which contains another way of analyzing correlations.

NO

Reason about correlation. Watch for interesting patterns. (1.41:00)

YES

Look for Java program to translate tuples into English (1.33:30)

Write English name of a pair of features into spreadsheet for a correlation (1.36:00)

Are top 10 correlations labeled?

YES

Reason about correlation. Watch for interesting patterns. (1.41:00)

NO

Switch to sheet which contains another way of analyzing correlations. (1.40:00)

Trigger: Notices apparent contradiction (2.08:13)
Checks to see if he made an error in labeling in his program (2.08:53)

Reason about correlation. Watch for interesting patterns. (1.41:00)

NO

Switch to sheet which contains another way of analyzing correlations. (1.40:00)

Ready to begin reasoning about correlations? (1.40:00)

YES

Reason about correlation. Watch for interesting patterns. (1.41:00)

NO

Switch to sheet which contains another way of analyzing correlations. (1.40:00)

Translation

Reasoning about correlations