

Method of Analysing Unstructured Financial Documents

ABSTRACT

Disclosed herein is a computer-implemented method of generating a report including correlation/reason between the change of one or more numerical values in an unstructured document and one or more text values in the document, comprising providing, by an input module of a processing server, a document in an at least partially unstructured format; structuring, by a structuration module of the processing server, the document to produce a fully structured document; using an extraction module of the processing server to extract one or more numerical and text values from the structured document, predict a context of the structured document based on content of the one or more numerical and text values extracted, identify a relationship between the one or more numerical values in the structured document and the context of the structured document, and calculate the difference among at least two numerical values having the same relationship to the context of the structured document; detecting, by a detector of the processing server, a correlation/reason between the one or more text values and the difference between the two numerical values; and generating, by a generator of the processing server, a report including correlation/reason between the one or more text values and the difference between the two numerical values.

[Figure 1]