The identification of the most important KPIs for automatic warehouses starts with a systematic literature review from the database Scopus. In order to extract the most comprehensive number of papers without including off-topic articles, we define the following query: “TITLE (autom\* AND warehouse).” This query allowed us to find papers with a focus on automated and automatic warehouses. Searching the same keywords inside the whole abstract would extract too many papers without a clear focus. Therefore we limited the query on the title. In June 2020, the aforementioned query retrieves 499 different articles. To obtain and analyze the KPIs used in the extracted articles, we performed a sampling method based on two criteria: (a) quality papers selection and (b) random papers selection. A paper, in order to be considered of high quality, i.e., to be classified in the category (a), must satisfy at least one of the following three conditions: (I) the paper is published in a journal classified as Q1 or Q2, (II) the paper is published in a journal with a Scimago Journal Ranking (SJR) greater than 0.5, or (III) the paper has at least 14 citations. The papers that satisfy this condition are 113 out of 499, and they represent 22.6% of the total volume. The papers belonging to group (b) are selected by a random sampling performing on the remaining 386 papers. The random group is composed of 124 papers that are 25% of the initial quantity (499).

we have extracted the 100 articles using the query on Scopus:  
  
TITLE (warehouse) AND NOT TITLE-ABS-KEY("data warehouse")  
  
the query extracted 4402 documents on 27-11-2020

after that we have selected the 890 best articles, in order to be considered an high quality paper it must satisfy at least one of this three conditions:

I - The article is published in a Q1 jorunal

II - The article is published in a journal with a SJR (simago journal ranking) of 0.5 or higher

III - The article has at least 50 citations

finally we have randomly sampled 100 papers from the 890