Input table

List of RSS / atom feeds in → csv file
The output is written to SQLITE db

e.g.
https://www.tijd.be/rss/ondernemen_durfkapitaal.xml
https://www.tijd.be/rss/ondernemen_auto.xml
http://feeds.abcnews.com/abcnews/usheadlines
http://rss.cnn.com/rss/cnn_topstories.rss
http://www.cbsnews.com/latest/rss/main
http://www.nytimes.com/services/xml/rss/nyt/National.xml
http://online.wsj.com/xml/rss/3_7085.xml
http://content.usatoday.com/marketing/rss/rsstrans.aspx?feedId=news2 US general
http://rss.csmonitor.com/feeds/usa
http://feeds.nbcnews.com/feeds/topstories
http://feeds.nbcnews.com/feeds/worldnews
http://feeds.reuters.com/Reuters/worldNews
http://feeds.abcnews.com/abcnews/usheadlines
http://rss.cnn.com/rss/cnn_topstories.rss
http://www.cbsnews.com/latest/rss/main
http://www.nytimes.com/services/xml/rss/nyt/National.xml
http://online.wsj.com/xml/rss/3_7085.xml
http://content.usatoday.com/marketing/rss/rsstrans.aspx?feedId=news2 US general
http://rss.csmonitor.com/feeds/usa
http://feeds.nbcnews.com/feeds/topstories
http://feeds.nbcnews.com/feeds/worldnews
http://feeds.reuters.com/Reuters/worldNews

Every time the python script is run:
      - It needs to go through the rss feed list from csv
      - Collect all the rss feeds and write the results to a database. (only the new results)
      - insert the log events

Collecting rss items:

Every feed returns several. "news" items → each new item is written to a row in the result table: rss_items
(new item = item where the combination of channel url + id of the news item not yet exists)

logging table needs:

every time a rss read it needs to log
      -   url
      -   datetime of run

- status of the rss query:
  - success
  - fail + fail reason
  -

the log is written to the table → rss_log

Output table rss_items
The table rss items has 1 line for each news item
The table output rss_items contains these fields

Table rss_items	description	example
channel_url	url of the rss	https://www.tijd.be/rss/ondernemen_durfkapitaal.xml
channel_title	Channel name	Tijd.be Ondernemen durfkapitaal
item_id	Item id	10212851
item_title	Title of the RSS feed	Belgisch investeringsfonds 9.5 Ventures haalt nog eens 10 miljoen op
item_category	Item category	Ondernemen
item_Link	Item url	https://www.tijd.be/r/t/1/id/10212945
item_description	Item description	17:38 9.5 Ventures, een durfkapitaalfonds dat grote bedrijven helpt innovatieve start-ups uit te bouwen, heeft in snel tempo zijn maximumkapitaal opgehaald. Elisa Vlerick gaat aan de slag bij het fonds.
item_Pubdate	Publication date of the item	Fri, 06 Mar 2020 16:38:35 GMT
Item_full_json	Full JSON structure of the item	(no example at this moment)