I have an Excel sheet that contains the following information, generate a table based on the given information. Please note that cells with [empty cell] labels represent empty cells in the corresponding excel table. Here is the table, arranged in row-by-row order, with space separating the consecutive cells and a newline representing the consecutive row:

序号 公司名 简介 烯牛行业（一级） 成立时间 地区 最新融资时间 最新融资轮次 最新融资金额 投资方 融资时间 融资轮次 融资金额 投资方 工商名称 联系电话

1 速腾聚创 智能激光雷达系统研发商 汽车出行，先进制造，人工智能 2014-08-28 深圳市 > 南山区 2023-07-01 后期阶段 11.9亿元 宇通集团，小米长江产业基金，香港立讯有限公司，吉利控股集团，路特斯科技，北汽集团，广汽集团，比亚迪，德赛西威，华兴资本，云锋基金，昆仲资本，景林投资，晨岭资本，东方富海，康成亨，中新融创，星韶创投等 2023-07-01 后期阶段 11.9亿元 宇通集团，小米长江产业基金，香港立讯有限公司，吉利控股集团，路特斯科技，北汽集团，广汽集团，比亚迪，德赛西威，华兴资本，云锋基金，昆仲资本，景林投资，晨岭资本，东方富海，康成亨，中新融创，星韶创投等 深圳市速腾聚创科技有限公司 "86325830 (2022年报电话)

0755-86325830 (2020年报电话)

0755-83047885 (2015年报电话)"

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2022-11-11 战略投资 未披露 吉利控股集团，北汽集团，广汽集团 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2022-06-14 战略投资 未披露 华兴资本领投，云锋基金、景林投资、昆仲资本跟投 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2022-02-25 战略投资 24亿元 比亚迪 ，北汽集团、广汽集团、宇通，香港立讯， 德赛西威 ，星韶创投，晨岭资本，长江小米基金，中新融创，康成亨等 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2021-12-27 战略投资 未披露 比亚迪 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2021-02-01 股权投资 未披露 国投创丰，信业基金，东方富海，康成亨投资，众合瑞民，宇通客车，复星锐正资本，中新融创 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2018-10-10 战略投资 3亿元 菜鸟网络，尚颀资本，北汽产投等 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2018-05-18 战略投资 未披露 北汽集团，粤民投，普禾资本 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2017-11-15 B轮 未披露 海通开元，上海利瀚投资管理 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2016-11-28 股权投资 未披露 复星集团 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2016-06-29 A+轮 数千万元 复星锐正资本，昆仲资本 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2016-01-04 A轮 1000万元 东方富海，普禾资本 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2015-04-30 天使轮 数百万元 东方富海 [EMPTY CELL] [EMPTY CELL]

2 DataExa 一站式认知智能平台与服务商 人工智能，大数据，企业服务 2014-01-28 厦门市 2023-06-26 股权投资 未披露 猎鹰投资，财信中金，建信股权 2023-06-26 股权投资 未披露 猎鹰投资，财信中金，建信股权 厦门渊亭信息科技有限公司 "15980777901 (2022年报电话)

4006866806 (2020年报电话)

15960270026 (2018年报电话)"

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2022-05-13 B轮 1亿元 达晨财智 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2019-11-29 A轮 1亿元 中电中金基金领投，厦门创投跟投 [EMPTY CELL] [EMPTY CELL]

[EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] [EMPTY CELL] 2017-06-16 天使轮 1000万元 猎鹰投资 [EMPTY CELL] [EMPTY CELL]

3 派尔特 智能微创外科手术整体解决方案提供商 医疗 2002-09-25 北京市 > 昌平区 2023-07-01 被收购 未披露 厦门国贸 2023-07-01 被收购 未披露 厦门国贸 北京派尔特医疗科技股份有限公司 "010-80789058 (2022年报电话)

80789058 (2013年报电话)"

… (and so on with more data)

Now, write a Python program to help me fix the excel table. Below are the requirements and explanation:

1. In column “序号”, each cell either contains a number or an empty cell. You can assume that the number is arranged in ascending order. You can also assume that the rows between two number (for example the cells between number 1 and 2 under column “序号”, which can either be [empty cells] now or contain some data) represents one “Investment Event”. However, as you can see, the cells in “融资时间”, “融资轮次”, “融资金额”, and “投资方” are separated into individual cells that causes all these [empty cells] in the excel table.
2. Therefore, your task is to write a Python program to mutate the table by merging the data in the columns of “融资时间”, “融资轮次”, “融资金额”, and “投资方” into one cell with a header named “融资历史”, with the following specifications:
   1. The data of “融资时间”, “融资轮次”, “融资金额”, and “投资方” in the same row represents one “Investment History” and you need to combine all the “Investment History” of each “Investment Event” into one cell, separated by a newline character
   2. For your reference, the final outcome would look like the following example below, where the labels inside [ ] sign represents the header that its corresponding data belongs to. In short, each row in the final table will only contain one “Investment Event” and the next row would contain the next “Investment Event” and so on.

序号 公司名 简介 烯牛行业（一级） 成立时间 地区 最新融资时间 最新融资轮次 最新融资金额 投资方 融资历史 工商名称 联系电话

\*\*[序号] 1 [公司名] 速腾聚创 [简介] 智能激光雷达系统研发商 [烯牛行业（一级）] 汽车出行，先进制造，人工智能 [成立时间] 2014-08-28 [地区] 深圳市 > 南山区 [ 最新融资时间] 2023-07-01 [最新融资轮次] 后期阶段 [最新融资金额] 11.9亿元 [投资方] 宇通集团，小米长江产业基金，香港立讯有限公司，吉利控股集团，路特斯科技，北汽集团，广汽集团，比亚迪，德赛西威，华兴资本，云锋基金，昆仲资本，景林投资，晨岭资本，东方富海，康成亨，中新融创，星韶创投等

[融资历史] 2023-07-01 后期阶段 11.9亿元 宇通集团，小米长江产业基金，香港立讯有限公司，吉利控股集团，路特斯科技，北汽集团，广汽集团，比亚迪，德赛西威，华兴资本，云锋基金，昆仲资本，景林投资，晨岭资本，东方富海，康成亨，中新融创，星韶创投等

2022-11-11 战略投资 未披露 吉利控股集团，北汽集团，广汽集团

2022-06-14 战略投资 未披露 华兴资本领投，云锋基金、景林投资、昆仲资本跟投

2022-02-25 战略投资 24亿元 比亚迪 ，北汽集团、广汽集团、宇通，香港立讯， 德赛西威 ，星韶创投，晨岭资本，长江小米基金，中新融创，康成亨等

2021-12-27 战略投资 未披露 比亚迪

2021-02-01 股权投资 未披露 国投创丰，信业基金，东方富海，康成亨投资，众合瑞民，宇通客车，复星锐正资本，中新融创

2018-10-10 战略投资 3亿元 菜鸟网络，尚颀资本，北汽产投等

2018-05-18 战略投资 未披露 北汽集团，粤民投，普禾资本

2017-11-15 B轮 未披露 海通开元，上海利瀚投资管理

2016-11-28 股权投资 未披露 复星集团

2016-06-29 A+轮 数千万元 复星锐正资本，昆仲资本

2016-01-04 A轮 1000万元 东方富海，普禾资本

2015-04-30 天使轮 数百万元 东方富海

[工商名称] 深圳市速腾聚创科技有限公司 [联系电话] "86325830 (2022年报电话)

0755-86325830 (2020年报电话)

0755-83047885 (2015年报电话)"

write a Python program to merge the data in the each row (within the same “Investment Event”) under the columns of “融资时间”, “融资轮次”, “融资金额”, and “投资方” into one cell with a header named “融资历史”, with the following specifications:

* 1. The data of “融资时间”, “融资轮次”, “融资金额”, and “投资方” in the same row represents one “Investment History”, and the original data in the cells corresponding to “融资时间”, “融资轮次”, “融资金额”, and “投资方” in the same row are separated by a space character
  2. After you have done that, now combine all the “Investment History” of each “Investment Event” into one cell, separated by a newline character

Great! This table named “sample\_excel.xlsx” is the input to your Python program. This table is quite ugly and long with all the [EMPTY CELLS], so I want to make the table neater and get rid of all the [EMPTY CELLS]. Here’s what you can do: first, write a Python program to merge the data that is within the same “序号” under the columns of “融资时间”, “融资轮次”, “融资金额”, and “投资方”, separated by a space character. Output the result to a new excel table.

犀牛数据—合并

I have an Excel sheet that contains the following information, generate a table based on the given information. Below is the table, arranged in row-by-row order, with space separating the consecutive cells and a consecutive number under the column of “序号”representing the consecutive row. Please ignore the first row.

序号 公司名 简介 烯牛行业（一级） 成立时间 地区 最新融资时间 最新融资轮次 最新融资金额 投资方 融资历程（多条) 联系电话

1 “灵动科技” “人工智能视觉AMR机器人研发商” “先进制造，人工智能，智能硬件” “2016-04-27” “北京市 > 海淀区” “2023-06-28” “股权投资” “未披露” “安徽省属企业改革发展基金母基金，合肥市产投集团，合肥高投 "2023-06-28, 股权投资, 金额：未披露, 安徽省属企业改革发展基金母基金，合肥市产投集团，合肥高投

2021-11-10, C轮, 金额：2亿元, 泰康人寿领投，高通创投、钟鼎创投、昊辰资本跟投

2021-03-23, Pre-C轮, 金额：2.5亿元, 鼎晖投资、钟鼎资本、德厚资本领投，AA投资、中关村发展集团、德厚长隆跟投

2020-12-08, 股权投资, 金额：未披露, 启航投资

2020-04-02, B2轮, 金额：1亿元, 中白产业投资基金领投

2019-08-24, B1轮, 金额：数千万美元, 龙湖资本领投，宁波鲍博投资管理有限公司跟投

2019-03-21, B轮, 金额：1亿元, 湖畔里程资本领投，交银国际、九弦资本、鼎晖投资、钟鼎资本、歌华有线跟投

2018-05-30, A+轮, 金额：1000万美元, 鼎晖投资领投，钟鼎创投跟投

2017-09-01, A轮, 金额：1000万美元, 鼎晖投资、钟鼎创投领投

2017-06-22, 天使轮, 金额：未披露, AA投资

2017-01-01, 种子轮, 金额：未披露" "010-62138861 (2022年报电话)

62138861 (2019年报电话)

010-52780030 (2017年报电话)

01052780030 (2016年报电话)"

2 蔚来 智能电动汽车研发商 新能源，汽车出行，人工智能 2014-11-25 上海市 > 嘉定区 2023-06-20 战略投资 11亿美元 CYVN Holdings "2023-06-20, 战略投资, 金额：11亿美元, CYVN Holdings

2022-03-10, IPO, 金额：未披露

2020-09-03, 主板定增, 金额：17.3亿美元, 摩根士丹利，中金公司 ，美银证券

2020-06-22, 战略投资, 金额：1000万美元, 腾讯

2020-03-06, 债权融资, 金额：2.35亿美元

2020-02-14, 债权融资, 金额：1亿美元

2020-02-07, 债权融资, 金额：1亿美元

2019-05-28, 战略投资, 金额：100亿元, 亦庄国投

2019-02-01, 债权融资, 金额：6.5亿美元, 腾讯，高瓴资本

2018-10-10, 股权转让, 金额：未披露, Baillie Gifford

2018-09-12, IPO, 金额：未披露

2017-10-31, D轮, 金额：10亿美元, 腾讯领投，Baillie Gifford、Lone Pine、中信资本、华夏基金跟投

2017-05-31, C+轮, 金额：未披露, 光际资本领投，百度、腾讯、华平投资、高瓴资本跟投

2017-03-16, C轮, 金额：6亿美元, 百度资本、腾讯领投，华平投资、IDG、厚朴基金、联想创投、高瓴、兴业、GIC、TPG、信中利、中金公司、今日资本、海通国际等跟投

2016-06-30, B+轮, 金额：数亿元, Temasek淡马锡，厚朴基金，联想创投集团，TPG

2015-09-17, B轮, 金额：5亿美元, 红杉中国，愉悦资本，和玉资本

2015-06-17, A轮, 金额：1亿美元, 高瓴资本，腾讯，京东，易车网，顺为资本等" "021-69083522 (2022年报电话)

021-39130691 (2019年报电话)

021-69082000 (2017年报电话)

021-69511766 (2015年报电话)

02169511701 (2014年报电话)"

3 云信达 CDM数据管理技术研发商 企业服务，大数据 2015-07-28 南京市 2023-06-27 股权投资 未披露 乾汇资本，基石创投，安洁私募基金 "2023-06-27, 股权投资, 金额：未披露, 乾汇资本，基石创投，安洁私募基金

2021-07-15, B轮, 金额：1亿元, SIG海纳亚洲领投，南京高新创投，中南茂创、联想创投跟投

2020-08-06, A+轮, 金额：数千万元, 联想创投领投，高榕资本跟投

2019-03-11, A轮, 金额：数千万元, 东方富海，基石基金

2018-05-25, 股权投资, 金额：未披露, 鑫智投资，上海明滋企业管理" "18136653325 (2022年报电话)

025-58117851 (2021年报电话)

025-86462829 (2017年报电话)

18040418805 (2015年报电话)"

(… and many more data)

1. Very well, now write a Python program to do the following:
   1. Under the columns of “融资历程（多条)”, remove the phrase “金额”
   2. Then, replace “、” with “/”
   3. Then, replace “，” with “/”
   4. Then, replace the delimiter “,” to “ – “
   5. Finally, replace the phrase “未披露” to “N/A”
2. I have a Table 1 with the following headers, separated by space character: “序号”, “公司名”, “简介”, “烯牛行业（一级）”, “成立时间”, “地区”, “最新融资时间”, “最新融资轮次”, “最新融资金额”, “投资方”, “融资历程（多条）”, “联系电话”
3. Create a Table 2 with the following headers: “Category”, “Updated”, “Company”, “Business”, “Peer Fund”, “Round”, “Amount”, “城市”, “是否值得跟进”, “跟进人 & Deallog”, “跟进记录”, “是否值得考虑一下轮”, ” Funding History”, “Notes”, “Due Date”
4. Write a Python program that extract data from Table 1 and paste them in Table 2, with the following specifications:
   1. Please read the data row-by-row as each row represent a new company
   2. For each row, please extract the data from the corresponding columns in Table 1 and paste it to the corresponding columns/cells in Table 2. Here are the names of the corresponding columns/headers:
      1. Extract data from “烯牛行业（一级）” in Table 1 to “Category” in Table 2
      2. Extract data from “公司名” in Table 1 to “Company” in Table 2
      3. Extract data from “简介” in Table 1 to “Business” in Table 2
      4. Extract data from “最新融资轮次” in Table 1 to “Round” in Table 2
      5. Extract data from “最新融资金额” in Table 1 to “Amount” in Table 2
      6. Extract data from “地区” in Table 1 to “城市” in Table 2
      7. Extract data from “融资历程（多条）” in Table 1 to “Funding History” in Table 2
5. Output Table 2
6. Wonderful, now let's make some small changes in Table 2 to make the table better. Here are some of the changes to be made in Table 2, please incorporate a Python code to make these changes after executing the original Python code.
   1. In each of the cell in the column “Category”, delete the content after “，” if there exist a “，” in that cell
   2. In each of the cell in the column “城市”, delete the word “市” and the content after “市” if there exist a “市” in that cell
   3. In each of the cell in the column “Amount”, replace “未披露” with “N/A”
7. Output Table 2

# Combine Two Xiniu Excel Sheets

1. I have two Excel files that each contains a table that follows the same structure:
   1. Let’s call the table from Excel file 1 Table 1, and the table from Excel file 2 Table2
   2. The first row is a text explanation that is not part of the table
   3. The table starts in the second row with the following headers: “序号”, “公司名”, “简介”, “烯牛行业（一级）”, “成立时间”, “地区”, “最新融资时间”, “最新融资轮次”, “最新融资金额”, “投资方”, “融资历程（多条)”, “工商名称”, “联系电话”
   4. Row 3 and the rows below are the contents of the table.
   5. The table ends upon encountering an empty row.
2. Now, write a Python program to merge the Table 1 and Table 2 that follows the following guidelines:
   1. Skip over the first row of Table 1 and Table 2 (the text explanation)
   2. In Table 1, extract the header row and the rows below until reaching an empty row
   3. Skip over the empty row and the rows that comes after it in Table 1
   4. In Table 2, extract the table starting in Row 3 (we skip over the text explanation and the header row) until reaching an empty row
   5. Skip over the empty row and the rows that comes after it in Table 2
   6. Place the extracted data from Table 2 right under the end of the extracted data from Table 1 so that we create a Big Table that merge the data from Table 1 and Table 2
   7. Output the formatted table to a new Excel file
3. This is my code that correctly identifies the data to be extracted, but there are some mistakes:
   1. The header names are missing, so please rename the header in the following order: “序号”, “公司名”, “简介”, “烯牛行业（一级）”, “成立时间”, “地区”, “最新融资时间”, “最新融资轮次”, “最新融资金额”, “投资方”, “融资历程（多条)”, “工商名称”, “联系电话”
   2. The alignment of Table 2 after merging with Table 1 is wrong as it is right-shifted to some columns to the right, so please make sure that after merging, Table 1 and Table 2 are aligned

# Find Duplicates in an Excel Table

1. I have an Excel file that contains a table with the following properties:
   1. The table starts in the first row with the following headers: “序号”, “公司名”, “简介”, “烯牛行业（一级）”, “成立时间”, “地区”, “最新融资时间”, “最新融资轮次”, “最新融资金额”, “投资方”, “融资历程（多条)”, “工商名称”, “联系电话”
   2. Row 2 and the rows below are the contents of the table.
   3. The table ends upon encountering an empty row.
   4. Write a Python program to remove duplicate company under “公司名” column in the table and output the formatted table to a new excel file. Here are some of the requirements:
      1. In the table, extract the header row and the rows below until reaching an empty row
      2. Skip over the empty row and the rows that comes after it in the table
      3. Upon encountering a duplicate company under “公司名” column, remove that row in the table and only keep the first occurrence of the duplicated row
      4. Output the formatted table to a new excel file

# Find Missing Companies in 企名片

* + - 1. I have two Excel files with two different tables. Let’s call the table from Excel file 1 Table 1 and the table from Excel file 2 Table 2. I wish to find the company name that exist in excel table 2, but missing in excel table 1. The following is how the structures of each of the table looks like:
      2. Table 1:
         1. The table starts in the first row with the following headers: “序号”, “公司名”, “简介”, “烯牛行业（一级）”, “成立时间”, “地区”, “最新融资时间”, “最新融资轮次”, “最新融资金额”, “投资方”, “融资历程（多条)”, “工商名称”, “联系电话”
         2. Row 2 and the rows below are the contents of the table.
         3. The table ends upon encountering an empty row.
      3. Table 2:
         1. The first row is a text which is not part of the table, so we need to skip over the first row
         2. The table starts in the second row with the following headers: “序号”, “项目名称”, “行业领域”, “子领域”, “业务”, “地区”, “投资轮次”, “投资时间”, “投资金额”, “FA信息”, “投资方”, “注册资金”, “高新企业”, “简介”, “公司名称”, “国别”, “成立日期”
         3. Row 3 and the rows below are the contents of the table.
         4. The table ends upon encountering an empty row.
      4. For context, there are some companies that exist in Table 2, but missing from Table 1 and the task is to extract the missing companies.
      5. Write a Python program that can achieve this task. Below are some of the information that you need to do this task.
         1. The companies that exist in Table 1 can be found under the column of “工商名称”, where each cell in this column represent a different company
         2. The companies that exist in Table 2 can be found under the column of “公司名称”, where each cell in the column represent a different company
         3. Now, compare all the companies in Table 1 and Table 2 to identify companies that exist in Table 2, but not in Table 1
         4. After identifying these missing companies, extract the rows of the corresponding companies in Table 2 and paste them in a separate Excel file called “missing\_companies.xlsx”

# Extract Company Introduction from 企名片 to Peer Funds

1. I have two Excel files with two different tables. Let’s call the table from Excel file 1 Table 1 and the table from Excel file 2 Table 2. The following is how the structures of each of the table looks like:
2. Table 1:
   1. The table starts in the first row with the following headers: “Category”, “Updated”, “Company”, “Business”, “Peer Fund”, “Round”, “Amount”, “城市”, “是否值得跟进”, “跟进人 & Deallog”, “跟进记录”, “Funding History”, “Notes”, “Due Date”, “工商名称”
   2. Row 2 and the rows below are the contents of the table.
   3. The table ends upon encountering an empty row.
3. Table 2:
   1. The first row is a text that is not part of the table, so we need to skip over the first row
   2. The table starts in the second row with the following headers: “序号”, “项目名称”, “行业领域”, “子领域”, “业务”, “地区”, “投资轮次”, “投资时间”, “投资金额”, “FA信息”, “投资方”, “注册资金”, “高新企业”, “简介”, “公司名称”, “国别”, “成立日期”
   3. Row 3 and the rows below are the contents of the table.
   4. The table ends upon encountering an empty row.
4. For context, I wish to extract the company description from Table 2 to Table 1 for a company that both exist in Table 1 and Table 2. Here is how to do it:
   1. The companies that exist in Table 1 can be found under the column of “工商名称”, where each cell in this column represent a different company
   2. The companies that exist in Table 2 can be found under the column of “公司名称”, where each cell in the column represent a different company
   3. Upon finding a matching company, copy the company description of the company from “简介” column in Table 2 and paste it in the corresponding cell of the same company under the “Notes” section in Table 1
   4. Output the formatted table to a new excel file

# Create Streamlit Web App

1. The following are my Python code.
2. I wish to create a simple Web App using Streamlit that allow user to upload two excel file and then execute my Python code automatically
3. Help me write the code needed to achieve this task

The output table is incorrect. Here are some possible reasons that I can think of:

1. In the Python code, for example, when running the function “merge\_and\_format\_tables”, it reads from file1 and file2, perform some operations and save the results to “MergedTable.xlsx”. However, when running the web app, the web app does not have access to “MergedTable.xlsx” and so couldn’t perform the operations after properly. So, you need to find a way to fix this problem and run the code so that it can achieve the intended function.
2. I have an Excel file called “PF Table” and another excel file called “Table 2”. They are the inputs to my Python script. The following is how the structures of each of the table looks like:
3. PF Table:
   1. There are multiple Excel sheets in this file, but we only want to look at the “New Investments” sheet
   2. The table starts in the first row with the following headers: “Category”, “Updated”, “Company”, “Business”, “Peer Fund”, “Round”, “Amount”, “城市”, “是否值得跟进”, “跟进人 & Deallog”, “跟进记录”, “Funding History”, “Notes”, “Due Date”, “工商名称”
   3. Rename the header row in the following order: “Category”, “Updated”, “Company”, “Business”, “Peer Fund”, “Round”, “Amount”, “城市”, “是否值得跟进”, “跟进人 & Deallog”, “跟进记录”, “Funding History”, “Notes”, “Due Date”, “工商名称”
   4. Row 3 and the rows below are the contents of the table.
   5. The table ends upon encountering an empty row.
4. Table 2:
   1. The first row is skipped over.
   2. The table starts in the second row with the following headers: “序号”, “发布时间”, “机构”, “被投公司”, “被投轮次, “被投金额”, “合投机构”
   3. The table ends upon encountering an empty row.
5. Write a Python script to perform the following functions:
   1. In “PF Table”, extract the company names under the “Company” column of PF Table.
   2. In “Table 2”, extract the company names under the “机构” column of Table 2.
   3. Compare the company names from both tables, and identify the company names that exist in Table 2 but do not exist in PF Table.
   4. Create a new table called “Table 3” in a new excel sheet with the following headers: “序号”, “发布时间”, “机构”, “被投公司”, “被投轮次, “被投金额”, “合投机构”
   5. Copy the rows of the corresponding company name that exist in “Table 2” but do not exist in “PF Table” to the table in “Table 3”
   6. Output Table 3 as a .xlsx file to be downloaded.