Task Bot

AI Assignment Marking Bot

Start

1 **Python script: Open** Python script "**$BotScriptPath$**"

2 **PDF: Extract text** from "**$OriginalCopyPDFPath$**" to "**$OriginalCopyTXTPath$**".

3 **Text file: Get text** from file "**$OriginalCopyTXTPath$**" and save in variable **$Content1$**

4 **Python script: Execute function** **$ReadOriginalFunction$** with parameter **$Content1$**

5 **Loop** for each file and assign file name and extension to **$FilesInFolder$**

6 **PDF: Extract text** from "**$SubmissionsFolderPath$/$FilesInFolder{name}$.$FilesInFolder{extension}$**" to "**$CurrentTXTPath$**".

7 **Text file: Get text** from file "**$CurrentTXTPath$**" and save in variable **$Content2$**

8 **Python script: Execute function** **$ReadSubmittedFunction$** with parameter **$Content2$**

9 **Python script: Execute function** **$GetResultFunction$**

10 **String: To number** Convert string **$CosineSimilarity$** to a number and assign it to number variable **$Score$**

11 **If** number **$Score$** Greater Than (>) **$TargetScore$**

12 **Boolean: Assign** True to **$Accepted$**

13 **If: Else**

14 **Boolean: Assign** False to **$Accepted$**

15 **Excel advanced: Open** "**$MailExcelPath$**"

16 **Excel advanced: Find** : Find **$FilesInFolder{name}$** from Beginning to End and assign to **$ExcelCellAddresses$**

17 **String: Extract text** Source string **$ExcelCellAddresses[0]$**: and assign the result to **$MailCell$**

18 **String: Substring** : Extract substring from the **$ExcelCellAddresses[0]$** string

19 **String: Assign** "**B$MailRow$**" to **$MailCell$**

20 **Excel advanced: Get single cell** value of Specific cell

21 **Excel advanced: Get single cell** value of Specific cell

22 **Excel advanced: Close**

23 **Email: Send** an email to **$ReceiversMail$** with subject : "**Submission Rejected**"

24 **Number: To string** convert **$Score$** to a string datatype and assign output to **$ScoreString$**

25 **Boolean: To string** **$Accepted$** and assign result to a **$AcceptedStatusString$**

26 **Data Table: Set value of a single cell** Assign a single value of **$FilesInFolder{name}$** into data table **$Results$** at specific index (**$RowIndex$**, "**Roll Number**")

27 **Data Table: Set value of a single cell** Assign a single value of "**$FilesInFolder{name}$.$FilesInFolder{extension}$**" into data table **$Results$** at specific index (**$RowIndex$**, "**File Name**")

28 **Data Table: Set value of a single cell** Assign a single value of **$ScoreString$** into data table **$Results$** at specific index (**$RowIndex$**, "**Score**")

29 **Data Table: Set value of a single cell** Assign a single value of **$AcceptedStatusString$** into data table **$Results$** at specific index (**$RowIndex$**, "**Result**")

30 **Number: Increment** **$RowIndex$** by **1** and assign result to a **$RowIndex$** variable

31 **Data Table: Insert row** into data table **$Results$** at last position

32 **Data Table: Delete row** **$RowIndex$** from data table **$Results$**

33 **Python script: Close** Python "**Default**"

34 **Data Table: Sort** data table **$Results$** by column name "**Roll Number**" in ascending order

35 **If** file exists at "**$ResultsXLSXPath$**"

36 **File: Delete** "**$ResultsXLSXPath$**"

37 Excel advanced: Create workbook "$ResultsXLSXPath$"

38 Excel advanced: Write from data table

39 Excel advanced: Save workbook

40 Excel advanced: Close

41 Data Table: Write to file "$ResultsCSVPath$" from data table $Results$

42 File: Open "$ResultsCSVPath$"

43 File: Open "$ResultsXLSXPath$"

End