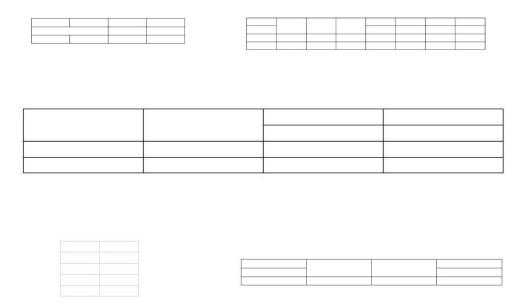# MAXIML

Computer Vision Problem Statement

24 March 2019

Problem: Given a grid of rows and columns, detect the number of cells in the table.

You will be given an image input which would comprise of tabular grids. Please find below some samples. Download images **here**

Output: You need to output the number of rows & columns in the input image.

1. Attempt to generalize it to handle cases like the col span one (image attached).

Bonus Points for:
a) handle cases like the col span one (image attached)
b) handling tables which are slightly rotated by 5-10 degrees
c) adding OCR and detecting the text(assume 1 word per cell) within these cells apart from number of cells

Submission: Submit a zip containing the following documents
a) Documentation explaining the algorithmic approach with possible extensions
b) List of images demonstrating the complicated examples which you handle.
c) Source code
d) README – explaining how to run the code.

Send your solution with subject – "Assignment submission for CV internship" at hiring@maximl.com