Introduction

Managing large amounts of anything daily, you risk the chance of making a mistake. Dealing with invoices manually follows this same principle. You run the risk of data field entry errors or delays in meeting due dates; it can become a huge mess rather quickly. And to top it all off, it's repetitive, there must be a way to better direct our time and attention than that of details and matching.

We refine our focus and look deeper, ADS receive approximately 150,000 invoices a year, from about 3,000 suppliers. The AP team is only comprised of six people, and they must comb through around 50 invoices per person, daily. This isn't ideal for anyone, invoices pile up, the likelihood of errors increase, the staff is distressed, and the suppliers are unsatisfied.

There's an argument to be had here, and that technically not everyone in the world would benefit from a solution to a problem like this. It's not like everyone in the world is dealing with invoices on a large scale to require innovation in the process. From ADS' perspective you could just employ more people on the AP team or have some form of quality control to ensure that a higher level of accuracy is delivered at the cost of turnaround time.

But what if there was a way around this? A way to attack the problem at the source, we can't subject ourselves to the same mindless activity and expect everything to go as planned. There's got to be a way to reduce the repetitive nature of dealing with these invoices and deliver them in a timely manner with accuracy.

Introducing *AI²*, a web-based intelligent automation system catered to invoice management. Our idea with *AI² (Artificially Intelligent Invoices)* is to reduce the manual workload, increase the turnaround time of invoices, and deliver data at the best possible accuracy. *AI²* will use confidence scoring and learning from human-review to enhance it's matching algorithms. In a sense, everyone helps each other, *AI²* handles the bulk of the work and repetition, the AP team deals with the exceptions and teaches the system. The goal isn't to eliminate the need for human review, but to enhance their performance. Enabling the AP team to bring their time and attention to the things that don't match and line them up.