



By Michelle Dunahue

Optical Character Recognition

The RPA Team is piloting a new OCR/ICR (Optical Character Recognition and Intelligent Character Recognition) software. ABBYY Flexicapture is a data capturing technology that we can train to automatically extract information from forms, recognize documents and export this information/text anywhere. ABBYY Flexicapture can be trained to recognize handwriting (ICR), typed text (OCR), checkmarks, signature blocks and bar codes.

The RPA Team has put together a pilot demonstrating some of the capabilities of the ABBYY technology. We have trained the software to recognize specific fields from an invoice. The software is trained to recognize invoice number, invoice date, purchase order number, total invoice amount, vendor information and client information. We can then export and store this data in the form of a pdf or csv file. We are exploring the ability to pull purchase order data including line items, descriptions and unit prices.

We look forward to expanding on this technology and incorporating it with the RPA software Blue Prism and UI Path for our future projects.

If you have any questions regarding the ABBYY, RPA or would like a demonstration the RPA team can be reached at the following email: IBC_FMD_AOSD_RPA@ibc.doi.gov

If you have an idea and would like to submit a process to the RPA team, follow the link below to the submission form.

https://forms.office.com/Pages/ResponsePage.aspx?id=urWTBhhLe02TQfMvQApUIDwp-y6USDdLoYrvngxVc_IURFI0TUMxSThQOTFJNFQ5VjdaMFdOVzVFRi4u