

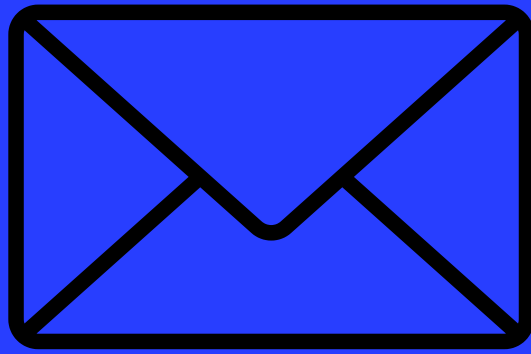


ProRecruiter

Reducing Response Pipelines

Team InfiniteLoop

Problem Identified



Focus Drain

An average office spending 52% of their total work time on emails.

Organising inbox manually -> “an interruption, even if short, delays the total time required to complete a task by a significant fraction.”

Cal Newport, “Deep Work”



Recruiter Struggle

Juggle similar emails from 100s of applicants.

Switching between different types of emails has productivity costs.

Emails inform upcoming tasks to-do – a recruiter may add a new applicant to database, rearrange an interview, and cycle back to the previous task.

Solution Design

Batch similar tasks together to:

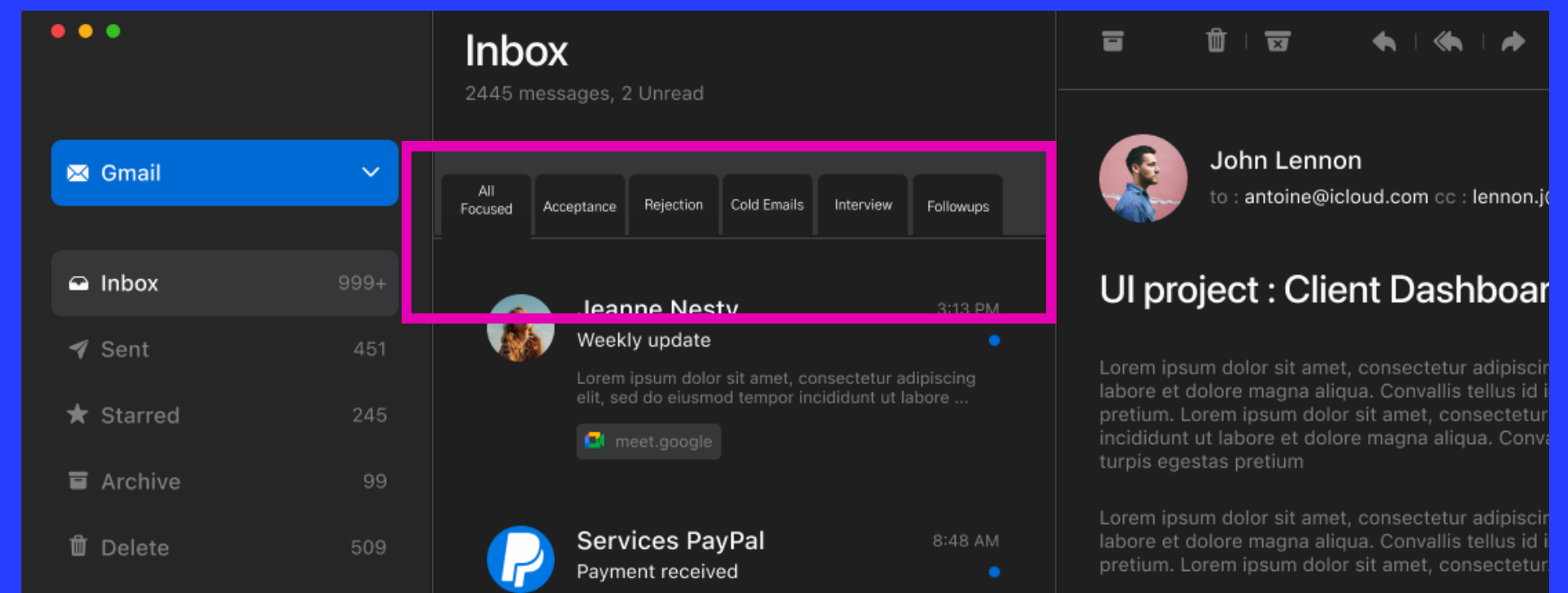
- + Eliminate shuffling
- + Reduce mind's context switch overhead, much like an operating system.
- + Reduce stress. Autonomy and control of one's work, as opposed to external whims, is a strong predictor of wellbeing.

Idea

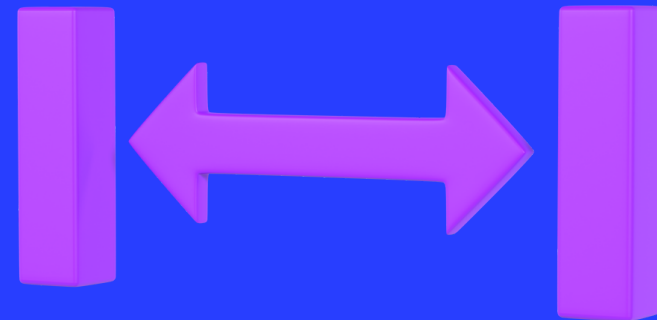
With **multiclass text classification**, emails can be categorized into relevant groups for easy access and tracking

Through integration with AWS WorkMail or other webmail services, the classes will be available as automatically organized folders/tabs.

Idea Mockup



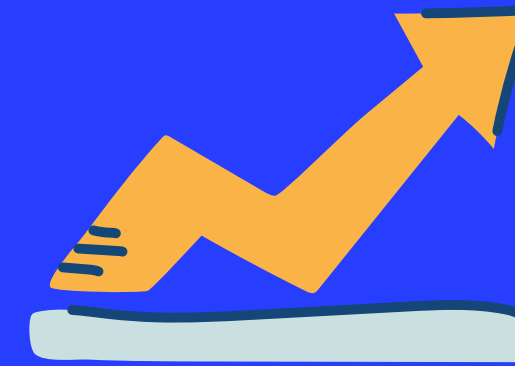
Solution Highlights



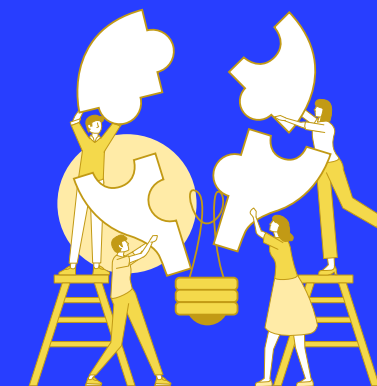
Addressing Gap –
Content Filter



Personalised –
HR Domain Specific



Scalability –
All recruiters +
Transferrable Logic



Match Theme –
AI as Productivity Promoter

IMPLEMENTATION

Overview

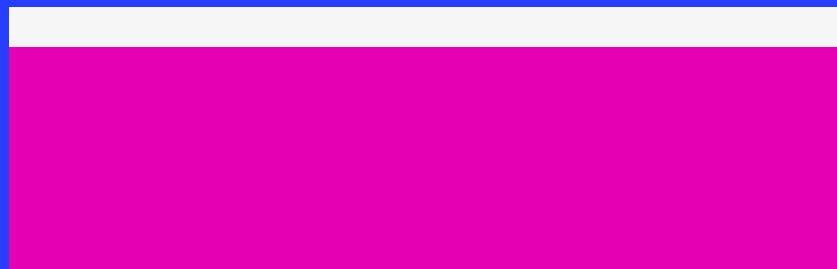
DataSet	Store 30+ Sample email images from the web on S3
Textextract	Extract the email text body from images using and convert to csv with label
Comprehend	CustomClassifier labels emails as one of 5 classes 'acceptance, cold email,..' with 85% accuracy
Deployment	Using <u>Amazon SNS</u> to trigger <u>AWS Lambda</u> for classification and email notification and through <u>Outlook Rules</u> , we redirect emails to pre-defined classification folders.



Industry Extension

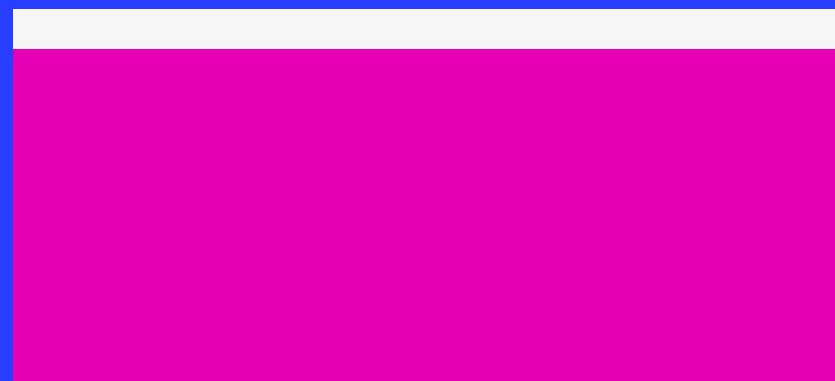
Webmail Integration

The value of our software lies in easy **plugin into existing webmail** services such as AWS SES



Students

As individuals transitioning into the workforce, organizing **professional and academic** emails based on context provide clarity and categorization for productivity.



SME / Client-facing roles

For Start-up and SME Owners who play multiple roles and communicate with all stakeholders, organizing the channel of communication will save on time that's already short

