# **Emerging Pathogens/Pandemics Newsletter project**

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Description

*Use LLMs and Generative AI approaches to assimilate information on emerging pathogens that is of interest to P&G Businesss.*

## Knowledge base

ProMedMail collected over the past month

Sample newsletter.

## Key information to be extracted:

See the inclusion and exclusion criteria for pathogens and business relevance in the presentation

Sample table of pathogens:

A table with text on it

Description automatically generated

## Goal:

* Create an AI generated automatic system to carry out the following activities:
  + Generate a dataset of regional and global emerging pathogen news update using ProMedMail collected over the past month.
  + Filter the dataset information to provide a summary table with most P&G relevant EP threats.
  + Generate a short description of each pathogen and why it should be of importance to P&G Business
  + Populate the summary table and the short pathogen description into a newsletter format automatically.

The generated outcomes should be based on the sources provided (i.e. use Retrieval Augmented Techniques).