

## SharePoint Labelling

The documentation outlines an AI-powered rule generation feature that utilizes Azure OpenAI to transform natural language descriptions into structured YAML classification rules. Users can create these rules by simply describing their requirements in plain English, after which the system handles the YAML conversion, ID assignment, and system integration. The guide details necessary prerequisites, such as deploying GPT models and configuring environment variables, while providing a clear step-by-step workflow for generating and reviewing rules. It also distinguishes between filename and content-based rules, offering advice on weighted scoring for increased precision. Additionally, the source includes technical troubleshooting, security protocols for API keys, and an overview of operational costs associated with token usage. Overall, the text serves as a comprehensive manual for streamlining document classification through automated, intelligent rule creation.

### 🌟 Key Features

#### AI-Powered Rule Generation

- **Natural language input:** Describe rules in plain English
- **Azure OpenAI integration:** Uses GPT models to generate YAML rules
- **Review before save:** Edit generated rules before applying
- **Automatic rule ID assignment:** Manages rule numbering automatically

#### Multi-Format Document Processing

- **14 file formats supported:** PDF, Word, Excel, Text, Images
- **OCR capability:** Extract text from images and scanned PDFs
- **Smart processing:** Automatic format detection and optimal extraction method
- **Batch processing:** Handle entire folders of documents

#### Intelligent Classification

- **Weighted confidence scoring:** Prioritizes matches in titles and headings over body text
- **Multi-rule evaluation:** Combines results from multiple rules

- **Priority-based:** Higher priority rules evaluated first
- **Flexible matching:** Filename-based and content-based rules

### **SharePoint Integration**

- **Modern authentication:** MSAL (Microsoft Authentication Library)
- **MFA compatible:** Works with multi-factor authentication
- **Microsoft Graph API:** Direct integration with SharePoint
- **Automatic metadata updates:** Tags applied directly to files

### **User-Friendly Interface**

- **Web-based dashboard:** Manage rules and process documents
- **Real-time results:** See processing results as they complete
- **Visual feedback:** Progress indicators and success/failure status
- **No coding required:** Create rules using AI or simple YAML