

MongoDB Ingestion Service – Document Schema

MongoDB setup specification for the MyPolicy Ingestion Service.

Database: mypolicy_ingestion_db
Collection: ingestion_jobs (auto-created on first write)

Document Schema

Field	Type	Required	Notes
<code>_id</code> / <code>jobId</code>	String	Yes	Primary identifier (UUID)
<code>insurerId</code>	String	Yes	Insurer/customer ID (e.g. HDFC_LIFE)
<code>filePath</code>	String	Yes	Absolute path of stored file
<code>status</code>	String	Yes	UPLOADED PROCESSING COMPLETED FAILED
<code>totalRecords</code>	Number	No	Default: 0
<code>processedRecords</code>	Number	No	Default: 0
<code>uploadedBy</code>	String	Yes	User/system who uploaded
<code>failureReason</code>	String	No	Set when status = FAILED
<code>createdAt</code>	DateTime	Yes	ISO 8601
<code>updatedAt</code>	DateTime	Yes	ISO 8601

Recommended Indexes

- `status` – status queries
- `createdAt` – time-based queries
- `insurerId` – queries by insurer

Connection

Connection URI format:

```
mongodb+srv://<user>:<password>@<host>/mypolicy_ingestion_db?  
retryWrites=true&w=majority
```