

Tables (12)

Name	Type	Schema
BookAnalytics		CREATE TABLE BookAnalytics (AnalyticsID INTEGER NOT NULL, BookID INTEGER NOT NULL, EventType VARCHAR(50) NOT NULL, EventDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, PRIMARY KEY (AnalyticsID), FOREIGN KEY (BookID) REFERENCES Books(BookID) ON DELETE CASCADE)
AnalyticsID	INTEGER	"AnalyticsID" INTEGER NOT NULL
BookID	INTEGER	"BookID" INTEGER NOT NULL
EventType	VARCHAR(50)	"EventType" VARCHAR(50) NOT NULL
EventDate	TIMESTAMP	"EventDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
BookContent		CREATE TABLE BookContent (BookID INTEGER NOT NULL, FirstPageText TEXT(16000), TitlePageText TEXT(16000), CopyrightPageText TEXT(16000), ExtractedKeywords TEXT(2000), ExtractedEntities TEXT(2000), ExtractedTopics TEXT(2000), ContentLanguage VARCHAR(20), ContentEncoding VARCHAR(20), ExtractionDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, PRIMARY KEY (BookID), FOREIGN KEY (BookID) REFERENCES Books(BookID) ON DELETE CASCADE)
BookID	INTEGER	"BookID" INTEGER NOT NULL
FirstPageText	TEXT(16000)	"FirstPageText" TEXT(16000)
TitlePageText	TEXT(16000)	"TitlePageText" TEXT(16000)
CopyrightPageText	TEXT(16000)	"CopyrightPageText" TEXT(16000)
ExtractedKeywords	TEXT(2000)	"ExtractedKeywords" TEXT(2000)
ExtractedEntities	TEXT(2000)	"ExtractedEntities" TEXT(2000)
ExtractedTopics	TEXT(2000)	"ExtractedTopics" TEXT(2000)
ContentLanguage	VARCHAR(20)	"ContentLanguage" VARCHAR(20)
ContentEncoding	VARCHAR(20)	"ContentEncoding" VARCHAR(20)
ExtractionDate	TIMESTAMP	"ExtractionDate" TIMESTAMP DEFAULT

Name	Type	Schema
		CURRENT_TIMESTAMP
BookSearchIndex		CREATE TABLE BookSearchIndex (BookID INTEGER NOT NULL, SearchableContent TEXT(20000), IndexedDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, PRIMARY KEY (BookID), FOREIGN KEY (BookID) REFERENCES Books(BookID) ON DELETE CASCADE)
BookID	INTEGER	"BookID" INTEGER NOT NULL
SearchableContent	TEXT(20000)	"SearchableContent" TEXT(20000)
IndexedDate	TIMESTAMP	"IndexedDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
Books		CREATE TABLE Books (BookID INTEGER NOT NULL, FileName VARCHAR(255) NOT NULL, FilePath VARCHAR(500), FileSize BIGINT, FileSizeMB DECIMAL(10,2), PageCount INTEGER, FileHash VARCHAR(64), Title VARCHAR(500), Author VARCHAR(300), Publisher VARCHAR(200), PublicationYear INTEGER, ISBN VARCHAR(20), Language VARCHAR(50) DEFAULT 'English', Edition VARCHAR(100), PDFTitle VARCHAR(500), PDFAuthor VARCHAR(300), PDFSubject VARCHAR(300), PDFCreator VARCHAR(100), PDFProducer VARCHAR(100), PDFCreationDate VARCHAR(50), CategoryID INTEGER, SubjectID INTEGER, CategoryConfidence DECIMAL(5,4), SubjectConfidence DECIMAL(5,4), OverallConfidence DECIMAL(5,4), ExtractedISBN VARCHAR(20), ExtractedYear INTEGER, ExtractedPublisher VARCHAR(200), ExtractedEdition VARCHAR(100), ReadingLevel DECIMAL(4,2), ComplexityScore DECIMAL(4,2), QualityScore DECIMAL(4,2), ContentTags TEXT(2000), ExtractionMethod VARCHAR(50), ProcessingDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, ProcessingVersion VARCHAR(20),

Name	Type	Schema
		ProcessingErrors TEXT(1000), ProcessingFlags TEXT(500), ViewCount INTEGER DEFAULT 0, DownloadCount INTEGER DEFAULT 0, Rating DECIMAL(3,2) DEFAULT 0.00, RatingCount INTEGER DEFAULT 0, CoverPath VARCHAR(500), ThumbnailPath VARCHAR(500), DateAdded TIMESTAMP DEFAULT CURRENT_TIMESTAMP, DateModified TIMESTAMP DEFAULT CURRENT_TIMESTAMP, LastAccessed TIMESTAMP, IsActive TINYINT(1) DEFAULT 1, PRIMARY KEY (BookID), FOREIGN KEY (CategoryID) REFERENCES Categories(CategoryID), FOREIGN KEY (SubjectID) REFERENCES Subjects(SubjectID), CONSTRAINT UK_Books_FileName UNIQUE (FileName))
BookID	INTEGER	"BookID" INTEGER NOT NULL
FileName	VARCHAR(255)	"FileName" VARCHAR(255) NOT NULL
FilePath	VARCHAR(500)	"FilePath" VARCHAR(500)
FileSize	BIGINT	"FileSize" BIGINT
FileSizeMB	DECIMAL(10, 2)	"FileSizeMB" DECIMAL(10, 2)
PageCount	INTEGER	"PageCount" INTEGER
FileHash	VARCHAR(64)	"FileHash" VARCHAR(64)
Title	VARCHAR(500)	"Title" VARCHAR(500)
Author	VARCHAR(300)	"Author" VARCHAR(300)
Publisher	VARCHAR(200)	"Publisher" VARCHAR(200)
PublicationYear	INTEGER	"PublicationYear" INTEGER
ISBN	VARCHAR(20)	"ISBN" VARCHAR(20)
Language	VARCHAR(50)	"Language" VARCHAR(50) DEFAULT 'English'
Edition	VARCHAR(100)	"Edition" VARCHAR(100)
PDFTitle	VARCHAR(500)	"PDFTitle" VARCHAR(500)
PDFAuthor	VARCHAR(300)	"PDFAuthor" VARCHAR(300)
PDFSubject	VARCHAR(300)	"PDFSubject" VARCHAR(300)
PDFCreator	VARCHAR(100)	"PDFCreator" VARCHAR(100)

Name	Type	Schema
PDFProducer	VARCHAR(100)	"PDFProducer" VARCHAR(100)
PDFCreationDate	VARCHAR(50)	"PDFCreationDate" VARCHAR(50)
CategoryID	INTEGER	"CategoryID" INTEGER
SubjectID	INTEGER	"SubjectID" INTEGER
CategoryConfidence	DECIMAL(5, 4)	"CategoryConfidence" DECIMAL(5, 4)
SubjectConfidence	DECIMAL(5, 4)	"SubjectConfidence" DECIMAL(5, 4)
OverallConfidence	DECIMAL(5, 4)	"OverallConfidence" DECIMAL(5, 4)
ExtractedISBN	VARCHAR(20)	"ExtractedISBN" VARCHAR(20)
ExtractedYear	INTEGER	"ExtractedYear" INTEGER
ExtractedPublisher	VARCHAR(200)	"ExtractedPublisher" VARCHAR(200)
ExtractedEdition	VARCHAR(100)	"ExtractedEdition" VARCHAR(100)
ReadingLevel	DECIMAL(4, 2)	"ReadingLevel" DECIMAL(4, 2)
ComplexityScore	DECIMAL(4, 2)	"ComplexityScore" DECIMAL(4, 2)
QualityScore	DECIMAL(4, 2)	"QualityScore" DECIMAL(4, 2)
ContentTags	TEXT(2000)	"ContentTags" TEXT(2000)
ExtractionMethod	VARCHAR(50)	"ExtractionMethod" VARCHAR(50)
ProcessingDate	TIMESTAMP	"ProcessingDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
ProcessingVersion	VARCHAR(20)	"ProcessingVersion" VARCHAR(20)
ProcessingErrors	TEXT(1000)	"ProcessingErrors" TEXT(1000)
ProcessingFlags	TEXT(500)	"ProcessingFlags" TEXT(500)
ViewCount	INTEGER	"ViewCount" INTEGER DEFAULT 0
DownloadCount	INTEGER	"DownloadCount" INTEGER DEFAULT 0
Rating	DECIMAL(3, 2)	"Rating" DECIMAL(3, 2) DEFAULT 0.00
RatingCount	INTEGER	"RatingCount" INTEGER DEFAULT 0
CoverPath	VARCHAR(500)	"CoverPath" VARCHAR(500)
ThumbnailPath	VARCHAR(500)	"ThumbnailPath" VARCHAR(500)
DateAdded	TIMESTAMP	"DateAdded" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
DateModified	TIMESTAMP	"DateModified" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
LastAccessed	TIMESTAMP	"LastAccessed" TIMESTAMP
IsActive	TINYINT(1)	"IsActive" TINYINT(1) DEFAULT 1

Name	Type	Schema
BooksFullText		CREATE VIRTUAL TABLE BooksFullText USING fts5(Title, Author, Publisher, PDFTitle, PDFAuthor, PDFSubject, content='Books', content_rowid='BookID')
BooksFullText_config		CREATE TABLE 'BooksFullText_config'(k PRIMARY KEY, v) WITHOUT ROWID
k		"k"
v		"v"
BooksFullText_data		CREATE TABLE 'BooksFullText_data'(id INTEGER PRIMARY KEY, block BLOB)
id	INTEGER	"id" INTEGER
block	BLOB	"block" BLOB
BooksFullText_docsize		CREATE TABLE 'BooksFullText_docsize'(id INTEGER PRIMARY KEY, sz BLOB)
id	INTEGER	"id" INTEGER
sz	BLOB	"sz" BLOB
BooksFullText_idx		CREATE TABLE 'BooksFullText_idx'(segid, term, pgno, PRIMARY KEY(segid, term)) WITHOUT ROWID
segid		"segid"
term		"term"
pgno		"pgno"
Categories		CREATE TABLE Categories (CategoryID INTEGER NOT NULL, CategoryName VARCHAR(100) NOT NULL, Description TEXT(1000), ParentCategoryID INTEGER DEFAULT NULL, Color VARCHAR(7) DEFAULT '#4285f4', SortOrder INTEGER DEFAULT 0, CreatedDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, ModifiedDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, IsActive TINYINT(1) DEFAULT 1, PRIMARY KEY (CategoryID), CONSTRAINT UK_Categories_Name UNIQUE (CategoryName))

Name	Type	Schema
CategoryID	INTEGER	"CategoryID" INTEGER NOT NULL
CategoryName	VARCHAR(100)	"CategoryName" VARCHAR(100) NOT NULL
Description	TEXT(1000)	"Description" TEXT(1000)
ParentCategoryID	INTEGER	"ParentCategoryID" INTEGER DEFAULT NULL
Color	VARCHAR(7)	"Color" VARCHAR(7) DEFAULT '#4285f4'
SortOrder	INTEGER	"SortOrder" INTEGER DEFAULT 0
CreatedDate	TIMESTAMP	"CreatedDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
ModifiedDate	TIMESTAMP	"ModifiedDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
IsActive	TINYINT(1)	"IsActive" TINYINT(1) DEFAULT 1
LLMClassifications		CREATE TABLE LLMClassifications (ClassificationID INTEGER NOT NULL, BookID INTEGER NOT NULL, ModelName VARCHAR(100) NOT NULL, ModelVersion VARCHAR(50), InputPrompt TEXT(5000), RawResponse TEXT(10000), ParsedResults TEXT(2000), CategorySuggested VARCHAR(100), SubjectSuggested VARCHAR(150), ConfidenceScore DECIMAL(5,4), ProcessingTime DECIMAL(8,3), TokensUsed INTEGER, ClassificationDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, IsAccepted TINYINT(1) DEFAULT 0, UserOverride TEXT(1000), PRIMARY KEY (ClassificationID), FOREIGN KEY (BookID) REFERENCES Books(BookID))
ClassificationID	INTEGER	"ClassificationID" INTEGER NOT NULL
BookID	INTEGER	"BookID" INTEGER NOT NULL
ModelName	VARCHAR(100)	"ModelName" VARCHAR(100) NOT NULL
ModelVersion	VARCHAR(50)	"ModelVersion" VARCHAR(50)
InputPrompt	TEXT(5000)	"InputPrompt" TEXT(5000)
RawResponse	TEXT(10000)	"RawResponse" TEXT(10000)
ParsedResults	TEXT(2000)	"ParsedResults" TEXT(2000)

Name	Type	Schema
CategorySuggested	VARCHAR(100)	"CategorySuggested" VARCHAR(100)
SubjectSuggested	VARCHAR(150)	"SubjectSuggested" VARCHAR(150)
ConfidenceScore	DECIMAL(5, 4)	"ConfidenceScore" DECIMAL(5, 4)
ProcessingTime	DECIMAL(8, 3)	"ProcessingTime" DECIMAL(8, 3)
TokensUsed	INTEGER	"TokensUsed" INTEGER
ClassificationDate	TIMESTAMP	"ClassificationDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
IsAccepted	TINYINT(1)	"IsAccepted" TINYINT(1) DEFAULT 0
UserOverride	TEXT(1000)	"UserOverride" TEXT(1000)
Subjects		CREATE TABLE Subjects (SubjectID INTEGER NOT NULL, SubjectName VARCHAR(150) NOT NULL, CategoryID INTEGER NOT NULL, Description TEXT(2000), KeywordTags TEXT(1000), SortOrder INTEGER DEFAULT 0, CreatedDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, ModifiedDate TIMESTAMP DEFAULT CURRENT_TIMESTAMP, IsActive TINYINT(1) DEFAULT 1, PRIMARY KEY (SubjectID), FOREIGN KEY (CategoryID) REFERENCES Categories(CategoryID), CONSTRAINT UK_Subjects_CategoryName UNIQUE (SubjectName, CategoryID))
SubjectID	INTEGER	"SubjectID" INTEGER NOT NULL
SubjectName	VARCHAR(150)	"SubjectName" VARCHAR(150) NOT NULL
CategoryID	INTEGER	"CategoryID" INTEGER NOT NULL
Description	TEXT(2000)	"Description" TEXT(2000)
KeywordTags	TEXT(1000)	"KeywordTags" TEXT(1000)
SortOrder	INTEGER	"SortOrder" INTEGER DEFAULT 0
CreatedDate	TIMESTAMP	"CreatedDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
ModifiedDate	TIMESTAMP	"ModifiedDate" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
IsActive	TINYINT(1)	"IsActive" TINYINT(1) DEFAULT 1

Indices (6)

Name	Type	Schema
idx_books_author		CREATE INDEX idx_books_author ON Books(Author)
Author		"Author"
idx_books_category		CREATE INDEX idx_books_category ON Books(CategoryID)
CategoryID		"CategoryID"
idx_books_confidence		CREATE INDEX idx_books_confidence ON Books(OverallConfidence)
OverallConfidence		"OverallConfidence"
idx_books_title		CREATE INDEX idx_books_title ON Books(Title)
Title		"Title"
idx_categories_active		CREATE INDEX idx_categories_active ON Categories(IsActive)
IsActive		"IsActive"
idx_subjects_category		CREATE INDEX idx_subjects_category ON Subjects(CategoryID)
CategoryID		"CategoryID"

Views (1)

Name	Type	Schema
BookDetails		CREATE VIEW BookDetails AS SELECT b.BookID, b.FileName, b.Title, b.Author, b.Publisher, b.PublicationYear, c.CategoryName, s.SubjectName, b.CategoryConfidence, b.SubjectConfidence, b.OverallConfidence, b.FileSize, b.PageCount, b.Rating, b.ViewCount, b.DateAdded, b.CoverPath, b.ThumbnailPath, b.IsActive FROM Books b LEFT JOIN Categories c ON b.CategoryID = c.CategoryID LEFT JOIN Subjects s ON b.SubjectID = s.SubjectID
BookID	INTEGER	"BookID" INTEGER
FileName	VARCHAR(255)	"FileName" VARCHAR(255)
Title	VARCHAR(500)	"Title" VARCHAR(500)

Name	Type	Schema
Author	VARCHAR(300)	"Author" VARCHAR(300)
Publisher	VARCHAR(200)	"Publisher" VARCHAR(200)
PublicationYear	INTEGER	"PublicationYear" INTEGER
CategoryName	VARCHAR(100)	"CategoryName" VARCHAR(100)
SubjectName	VARCHAR(150)	"SubjectName" VARCHAR(150)
CategoryConfidence	DECIMAL(5,4)	"CategoryConfidence" DECIMAL(5,4)
SubjectConfidence	DECIMAL(5,4)	"SubjectConfidence" DECIMAL(5,4)
OverallConfidence	DECIMAL(5,4)	"OverallConfidence" DECIMAL(5,4)
FileSize	BIGINT	"FileSize" BIGINT
PageCount	INTEGER	"PageCount" INTEGER
Rating	DECIMAL(3,2)	"Rating" DECIMAL(3,2)
ViewCount	INTEGER	"ViewCount" INTEGER
DateAdded	TIMESTAMP	"DateAdded" TIMESTAMP
CoverPath	VARCHAR(500)	"CoverPath" VARCHAR(500)
ThumbnailPath	VARCHAR(500)	"ThumbnailPath" VARCHAR(500)
IsActive	TINYINT(1)	"IsActive" TINYINT(1)

Triggers (0)

Name	Type	Schema
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