**Assessment Tasks for n8n – (Choose One Task)**

**Task 1: E-commerce Order Processing Automation**

**Task Description:**

* Design a workflow that processes new orders from an e-commerce platform webhook
* Validate order data and check inventory levels from a spreadsheet or database
* Generate invoice PDFs with order details and customer information
* Send order confirmation emails to customers with invoice attachments
* Update inventory levels automatically after successful orders
* Handle payment verification and order status updates
* Create low-stock alerts when inventory falls below threshold levels
* Generate daily sales reports with basic analytics and charts

**Expected Deliverables:**

* Order processing workflow with error handling
* PDF invoice template generation
* Inventory management system integration
* Sales reporting dashboard
* Complete n8n workflow JSON file
* Record a Loom video by explaining the use of each node

**Task 2: Multi-Platform Content Distribution System**

**Task Description:**

* Build a workflow that takes content from a central source (Google Docs, Notion, etc.)
* Automatically format the content for different social media platforms
* Schedule posts across multiple platforms (Twitter, LinkedIn, Facebook, Instagram)
* Resize and optimize images for each platform's requirements
* Track posting schedule to avoid conflicts and ensure optimal timing
* Implement hashtag suggestions based on content analysis
* Create engagement tracking by collecting likes, shares, and comments data
* Generate weekly performance reports with key metrics and insights

**Expected Deliverables:**

* Multi-platform posting workflow
* Content formatting rules for each platform
* Image processing and optimization setup
* Performance tracking and reporting system
* Complete n8n workflow JSON file
* Record a Loom video by explaining the use of each node