



Office
Automata

**How
Intelligent Process Discovery
Works**

IT Admin Logs Into Azure to Automatically Deploy Database & AI Training Infrastructure

The screenshot displays the OfficeAutomata Dashboard interface. At the top, the title bar reads "OfficeAutomata Dashboard" and includes "Notifications" and "Settings" icons. The main navigation bar shows "Home", "Training", "Config" (selected), and "Scheduler". A left sidebar contains menu items: "Home", "Tracking", "Analytics", "Processes", "Tasks", "Users", and "Admin" (highlighted). The main content area is divided into two columns: "Azure Settings" and "Configuration Setup".

Azure Settings

| | |
|----------------|---|
| Product | <input type="text" value="Enterprise"/> |
| Subscription | <input type="text" value="No Subscriptions"/> |
| Resource Group | <input type="text"/> |
| Region | <input type="text"/> |
| GPU Type | <input type="text"/> |

Configuration Setup

| | |
|------------------|----------------------|
| Company | <input type="text"/> |
| Name | <input type="text"/> |
| Phone | <input type="text"/> |
| Email | <input type="text"/> |
| SQL User | <input type="text"/> |
| SQL Password | <input type="text"/> |
| SQL Connection | <input type="text"/> |
| AI Connection | <input type="text"/> |
| Output Directory | <input type="text"/> |

At the bottom of the configuration area, there are three buttons: "AZURE LOGIN", "DEPLOY", and "CREATE".

IT Installs User Data Monitoring on Employee Systems



Employee Workflow Data is Logged At All Times

The screenshot displays an Excel spreadsheet titled "Employee Salary Jan - Excel" with a data table and a separate "OfficeAutomata Logger" window.

| Employee Name | Base Hourly Salary | Hours Worked | Amount Owed |
|------------------|--------------------|--------------|-------------|
| Joe Fung | \$10 | 20 | \$200 |
| Richard Williams | \$8 | 20 | \$160 |
| Paul Wright | \$10 | 20 | \$200 |
| Xi Shi Lee | \$11 | 20 | \$220 |
| Deepak Smith | \$8 | 20 | \$160 |
| Sally Wonderful | \$15 | 20 | \$300 |
| Zhulee Wong | \$9 | 20 | \$180 |
| George Hunting | \$10 | 20 | \$200 |
| Carol Paulee | \$10 | 20 | \$200 |
| Kit Lam Cool | \$11 | 20 | \$220 |

The OfficeAutomata Logger window shows a table of logged actions:

| App | Action | Location | Value |
|-------|--------------------|----------|--------------------------|
| Excel | Typing '20' in C4 | C4 | Employee Salary Template |
| Excel | Typing '20' in C5 | C5 | Employee Salary Template |
| Excel | Typing '20' in C6 | C6 | Employee Salary Template |
| Excel | Typing '20' in C7 | C7 | Employee Salary Template |
| Excel | Typing '20' in C8 | C8 | Employee Salary Template |
| Excel | Typing '20' in C9 | C9 | Employee Salary Template |
| Excel | Typing '20' in C10 | C10 | Employee Salary Template |
| Excel | Typing '20' in C11 | C11 | Employee Salary Template |
| Excel | Workbook Saved | Excel | Employee Salary Jan.xlsx |

*Manual Logging Window Available For Admin Use Only

Recorded Data Is Saved in an On-Premise Database

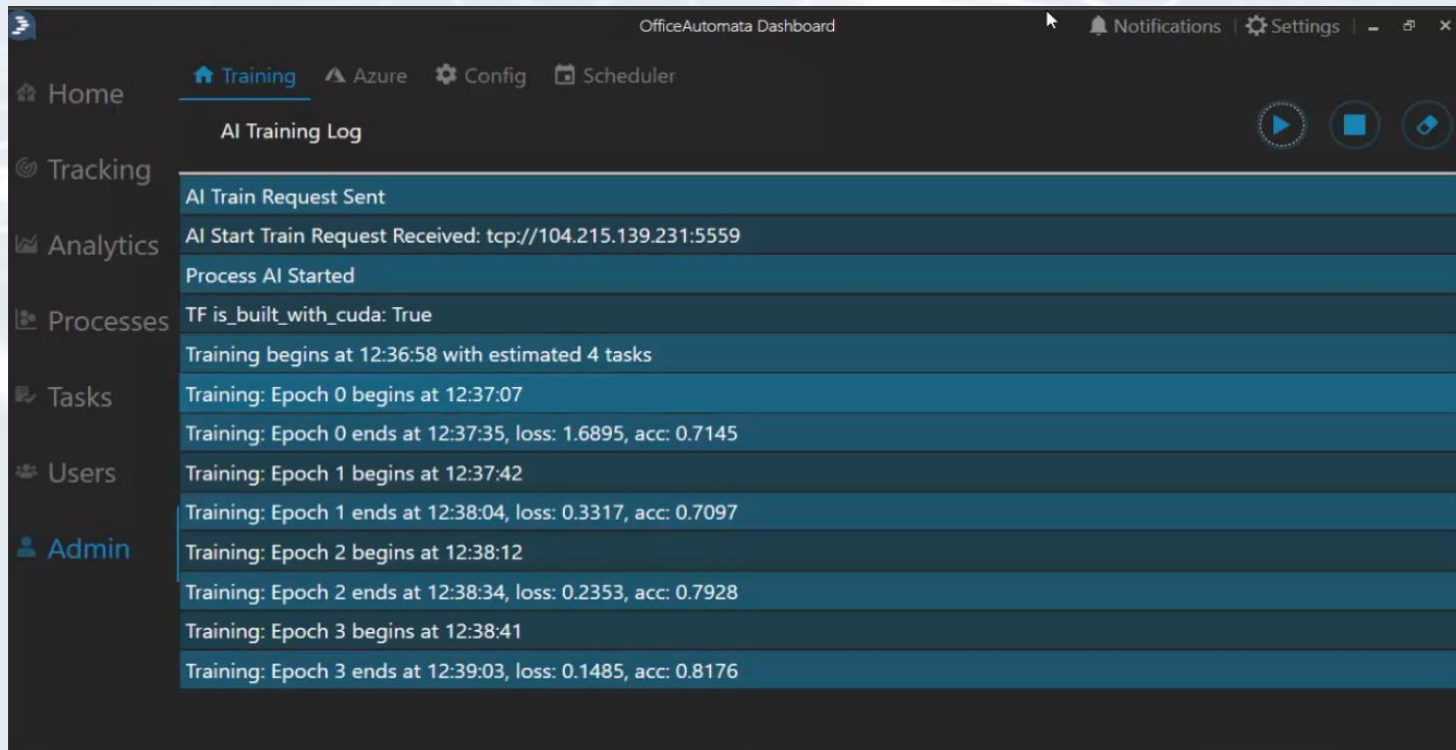
The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection to 'SQLQuery1.sql - (local)\SQLEXPRESS01.OA_Database (AI-Tests\AI_User (52))'. The 'Object Explorer' on the left shows the database structure, including 'OA_Database'. The 'Query Editor' window contains the following SQL query:

```
select eventIndex, eventCell_1, eventType_1, eventValue_1, eventAppframe_1, eventApplication, eventLocation from dbo.IndexedEvents
```

The 'Results' pane displays the output of the query as a table with 19 rows and 7 columns. The status bar at the bottom indicates 'Query executed successfully.' and '156 rows'.

| eventIndex | eventCell_1 | eventType_1 | eventValue_1 | eventAppframe_1 | eventApplication | eventLocation | |
|------------|-------------|-----------------|---|-------------------------|------------------|---|---|
| 1 | | Workbook Sav... | 32o6i/v4a6FkKZ0aGHQIVK5gsd/xKrGo6N6oRdszIU= | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx | |
| 2 | 2 | C2 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 3 | 3 | C3 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 4 | 4 | C4 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 5 | 5 | C5 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 6 | 6 | C6 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 7 | 7 | C7 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 8 | 8 | C8 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 9 | 9 | C9 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 10 | 10 | C10 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 11 | 11 | C11 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx |
| 12 | | Workbook Sav... | 32o6i/v4a6FkKZ0aGHQIVK5gsd/xKrGo6N6oRdszIU= | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx | |
| 13 | | Workbook Sav... | 32o6i/v4a6FkKZ0aGHQISWyDmE/iV5yN9aelFyg1Y= | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Jan.xlsx | |
| 14 | 14 | C2 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |
| 15 | 15 | C3 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |
| 16 | 16 | C4 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |
| 17 | 17 | C5 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |
| 18 | 18 | C6 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |
| 19 | 19 | C7 | Number | bo/2z/Xf84exVWd7kzLAA== | Sheet1 | Excel | C:\Users\test_user\Desktop\Employee Salary\Employee Salary Feb.xlsx |

AI's Train On The Recorded Data On Weekly Intervals



The screenshot displays the OfficeAutomata Dashboard with the 'AI Training Log' section active. The log shows a sequence of events for an AI training process, including request reception, process start, and the beginning and ending of four epochs with associated loss and accuracy metrics.

OfficeAutomata Dashboard

Notifications | Settings

Home Training Azure Config Scheduler

AI Training Log

- AI Train Request Sent
- AI Start Train Request Received: tcp://104.215.139.231:5559
- Process AI Started
- TF is_built_with_cuda: True
- Training begins at 12:36:58 with estimated 4 tasks
- Training: Epoch 0 begins at 12:37:07
- Training: Epoch 0 ends at 12:37:35, loss: 1.6895, acc: 0.7145
- Training: Epoch 1 begins at 12:37:42
- Training: Epoch 1 ends at 12:38:04, loss: 0.3317, acc: 0.7097
- Training: Epoch 2 begins at 12:38:12
- Training: Epoch 2 ends at 12:38:34, loss: 0.2353, acc: 0.7928
- Training: Epoch 3 begins at 12:38:41
- Training: Epoch 3 ends at 12:39:03, loss: 0.1485, acc: 0.8176

Discovered Tasks Are Mapped And Added To The Dashboard

The screenshot displays the OfficeAutomata Tracking Dashboard for a process named "Employee salary monthly update". The dashboard includes a sidebar with navigation options: Home, Tracking, Analytics, Process, and Users. The main content area is divided into several sections:

- Process Information:** A table showing details for the "Employee salary monthly update" process.

| | |
|--------------|--------------------------------|
| Process | Employee salary monthly update |
| Category | HR |
| Source | Admin |
| Destination | Human Resources |
| Departments | 1 |
| Users | 1 |
| Applications | 1 |
- Automation Potential:** A donut chart showing a value of 0.57.
- Discovery Confidence:** A donut chart showing a value of 0.95.
- Statistics:** A table of process metrics.

| | | | |
|----------|------|-----------|---------------------|
| Volume | 1 | First | 1/6/2020 2:35:00 PM |
| Variants | 2 | Recent | 1/6/2020 2:36:00 PM |
| Steps | 7.33 | Timeframe | 0:21:40 |
| | | Total | 1:50 |
| | | Frequency | Every Minute |
- Workflow Diagram:** A vertical flowchart on the left showing a sequence of steps for the "Admin" user, with a duration of 0:00:00 for each step. A branch labeled "Variation 1" is shown at the bottom.
- Table:** A table listing discovered tasks, categorized into "Main Workflow" and "Variation 1".

| DEPARTMENT | TYPE | UI ELEMENT | APPLICATION | DOCUMENT | APPLICATION FRAME |
|----------------------|----------------|------------|-------------|----------------------------|-------------------|
| Main Workflow | | | | | |
| Admin | Number | C2 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C3 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C4 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C5 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C7 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C8 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C9 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C10 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Number | C11 | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Admin | Workbook Saved | | Excel | Employee Salary - Jan.xlsx | Sheet1 |
| Variation 1 | | | | | |
| Admin | Number | C6 | Excel | Employee Salary - Feb.xlsx | Sheet1 |

Discovered Processes Are Added To The Dashboard from Mapped Tasks

OfficeAutomata Tracking Dashboard

Temp Notifications Settings

Home Tracking Analytics Process Users

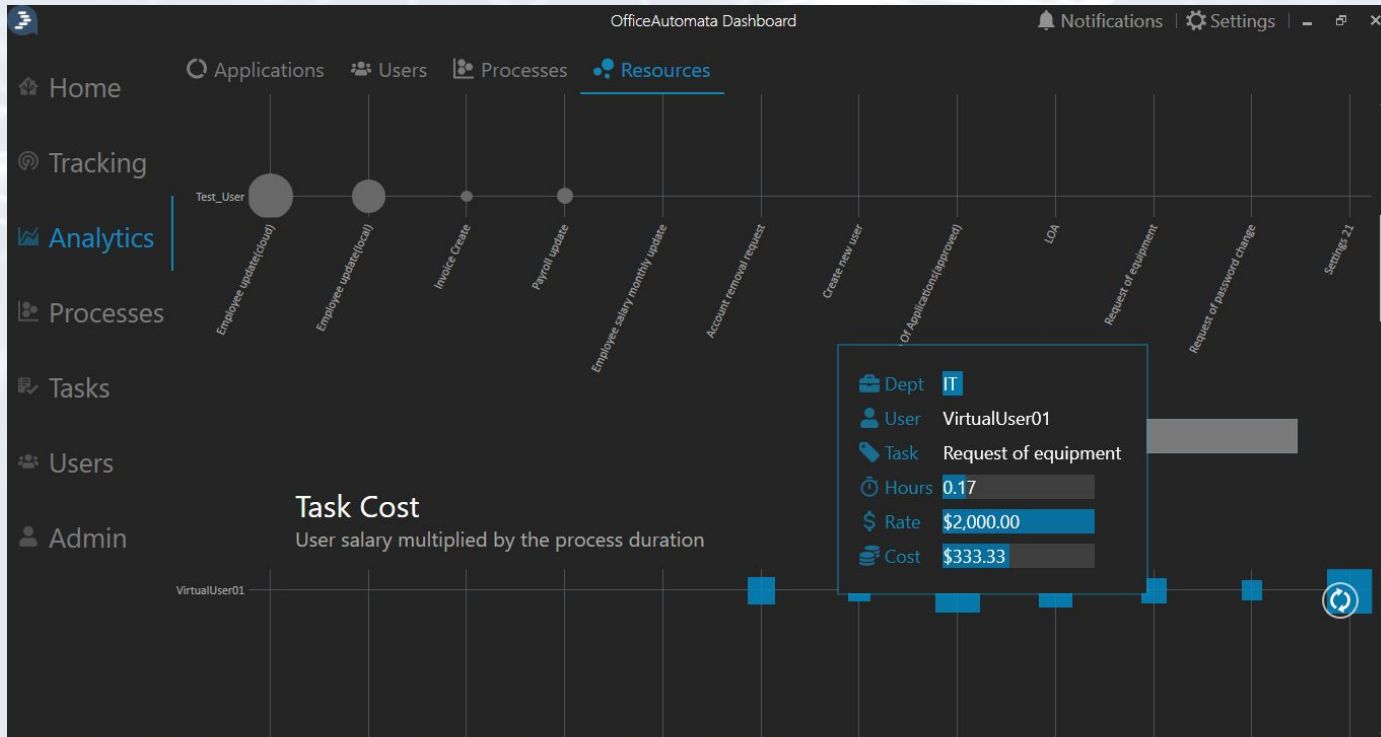
Mapping Summary Test

HR - Benefits 123 -39:2:59:48 % -32:17:59:44

| ID | PROCESS | TYPE | TEXT |
|----|---------|----------|-------|
| 1 | 1 | Event | Start |
| 2 | 1 | Activity | A1 |
| 3 | 1 | Gateway | G1 |
| 4 | 1 | Activity | A2 |
| 5 | 1 | Activity | A3 |
| 6 | 1 | Message | Email |
| 8 | 1 | Data | Word |
| 9 | 1 | Event | End |
| 10 | 1 | Gateway | G2 |
| 11 | 1 | Event | End |

Off

Process Cost, Duration and Frequency Analytics are Complicated



RPA & SOP Outputs Are Then Available For Internal Use

The image displays two overlapping windows from a computer screen. The top window is an Excel spreadsheet titled "Process - Employee salary monthly update - Excel". The bottom window is a Word document titled "Financial Accounting Database Standard Operating Procedure v1.0 (Read-Only) [Compatibility Mode] - Word".

Excel Spreadsheet Data:

| Time | Document | Application | Type | Current Value | UI Element Name | AutoID | Control Type | UI Element Pattern | Pattern Value | X-Path | Application Frame | Location | OCR Data |
|------|-------------|----------------------------|-------|---------------|-----------------|--------|--------------|--------------------|---------------|--------|-------------------|---|----------|
| 2 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C2 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 3 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C3 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 4 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C4 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 5 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C5 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 6 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C7 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 7 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | Number | 40 | C8 | | | | | Sheet1 | C:\Users\WokDatKit\Desktop\Employee Salary\Employee Salary - Jan.xlsx | |
| 8 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | | | | | | | | | Employee Salary\Employee Salary - Jan.xlsx | |
| 9 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | | | | | | | | | Employee Salary\Employee Salary - Jan.xlsx | |
| 10 | 43836.60754 | Employee Salary - Jan.xlsx | Excel | | | | | | | | | Employee Salary\Employee Salary - Jan.xlsx | |
| 11 | 43836.60833 | Employee Salary - Jan.xlsx | Excel | | | | | | | | | Employee Salary\Employee Salary - Jan.xlsx | |

Word Document Content:

BAMB Financial Accounting 8.3.2.2 Database Standard Operating Procedure: FBest v1.0

2. Fill in the required fields, and then click Sign In.

- User Name
- Password

3. Upon clicking the Login button, user will be directed to select the Module/JBA and the Role and then click Enter. The User will be able to view only those JBA's to which user has been provided access with. In this case, user will select:

- Module/JBA: JE- AUDOBYE Australia and New Zealand (BAMB)
- Role/ JBA: QOB- JE Processor



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