



# nordic. summit

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# Let's bake!



How to connect a bakery to the cloud

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🏭 D365 Finance and Operations, Power Platform

🏍️ V-Strom rider 🐝 Bee certified ❤️ Natteravn

📁 Started working with Dynamics at 19 years old



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# BRONZE SPONSORS



My manager made me say this

- All opinions stated are my own, and not of my employer
- Fellowmind strongly advises against connecting kitchen appliances to 230v using sketchy electronics bought off the internet



# Kinematic Learning FTW!

# Bake-O-Matic



- Cheap toaster oven
- Arduino Uno
- Relay
- I2C LCD
- LED Strip
- Laptop
- 2 pints of Guinness





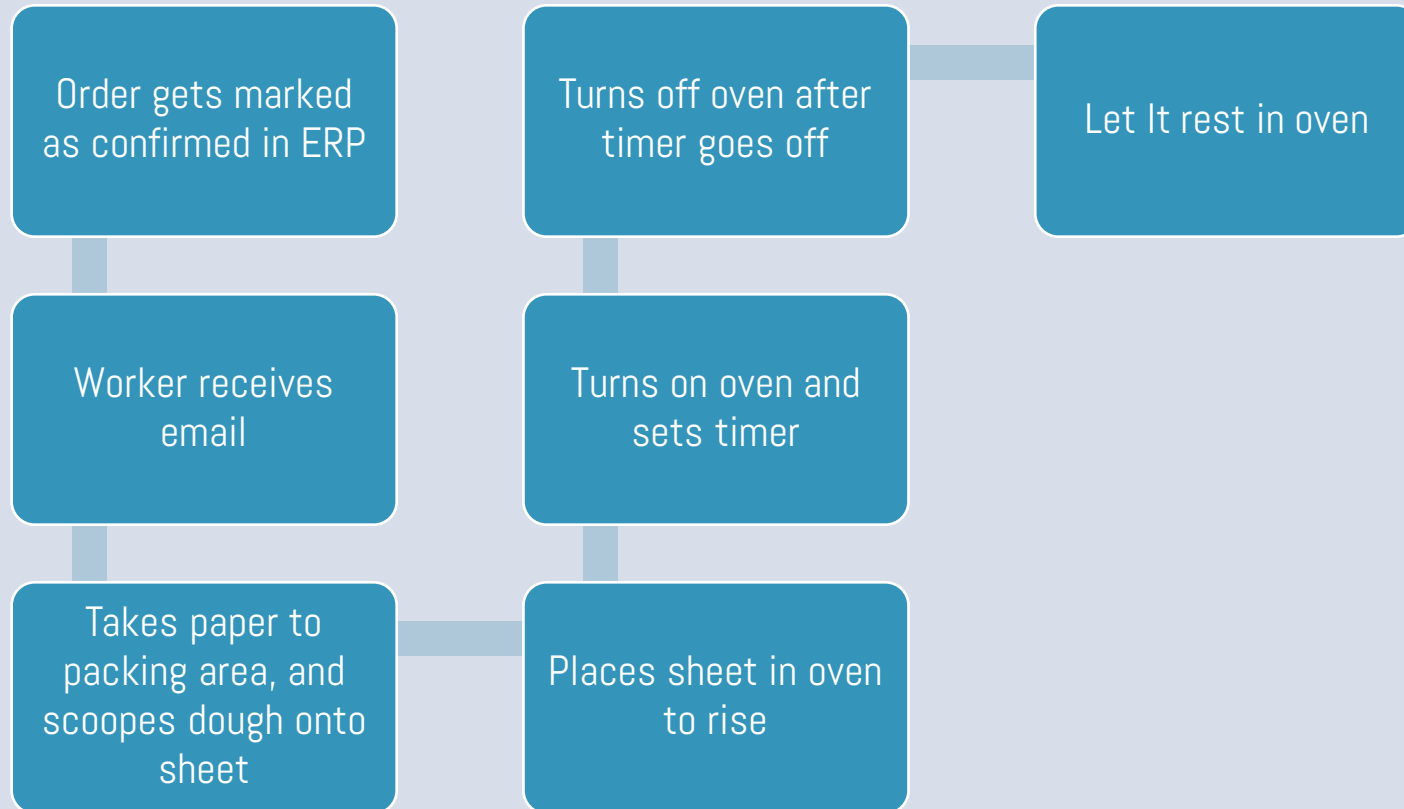
Scoutbake International  
Holding

- One of Europe's smallest bakeries
- One type of baked goods (Chocolate chip cookies)
- Uses Microsoft D365 F&O as ERP
- No developers

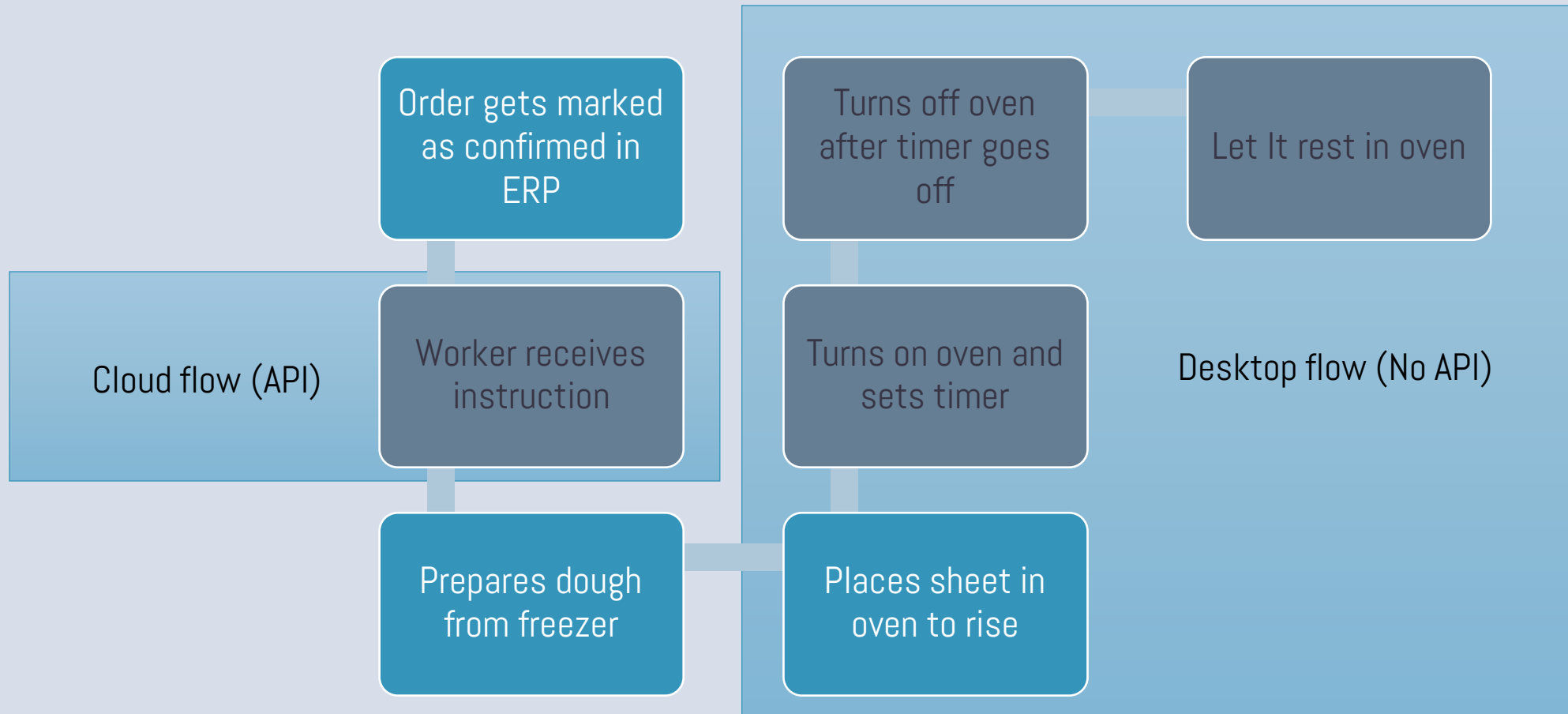
# Order-to-production



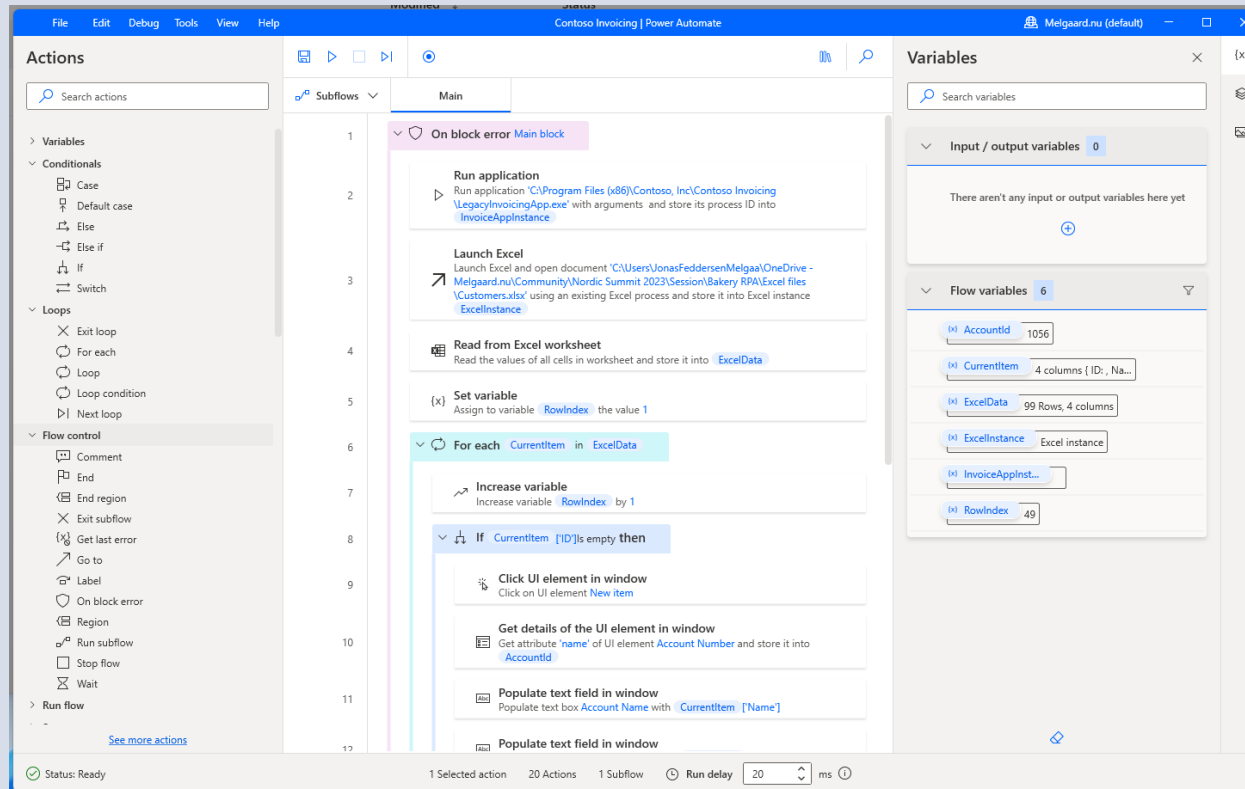
# Business Process



# Business process with power automate



# Demo time



The screenshot displays the Power Automate interface for a flow named "Contoso Invoicing | Power Automate". The flow is currently in a "Main" subflow. The actions are as follows:

- On block error Main block
- Run application: Run application 'C:\Program Files (x86)\Contoso, Inc\Contoso Invoicing\LegacyInvoicingApp.exe' with arguments and store its process ID into InvoiceAppInstance.
- Launch Excel: Launch Excel and open document 'C:\Users\JonasFeddersonMelgaa\OneDrive - Melgaard.nu\Community\Nordic Summit 2023\Session\Bakery RPA\Excel files\Customers.xlsx' using an existing Excel process and store it into ExcelInstance.
- Read from Excel worksheet: Read the values of all cells in worksheet and store it into ExcelData.
- Set variable: Assign to variable RowIndex the value 1.
- For each CurrentItem in ExcelData:
  - Increase variable: Increase variable RowIndex by 1.
  - If CurrentItem [ID] is empty then:
    - Click UI element in window: Click on UI element New Item.
    - Get details of the UI element in window: Get attribute 'name' of UI element Account Number and store it into AccountId.
    - Populate text field in window: Populate text box Account Name with CurrentItem [Name].
    - Populate text field in window.

The Variables pane on the right shows the following flow variables:

- AccountId: 1056
- CurrentItem: 4 columns (ID, Na...
- ExcelData: 99 Rows, 4 columns
- ExcelInstance: Excel instance
- InvoiceAppInst...
- RowIndex: 49

The status bar at the bottom indicates "Status: Ready", "1 Selected action", "20 Actions", "1 Subflow", and "Run delay: 20 ms".



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Q&A



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THANK YOU!