

AI/ML

# CloudML Notebook

## Provides a Jupyter Notebook Environment to Construct Data Analysis Model

Jupyter Notebook is a web-based interactive development environment for editing and running Python codes with ease. Running source code line by line enables users to check the results for data analysis and visualization quickly, making it a useful development tool for Python-based AI development. Users can easily install and use CloudML Notebook using a web-based console on Samsung Cloud Platform.

### Easy Data Analysis

Configuring a Jupyter Notebook environment that a professional data analysts and AI service developers are used to using is easy. Jupyter Notebook visualizes the code execution results in graph, and put together Python code execution results and parameters in a single file for easy management.

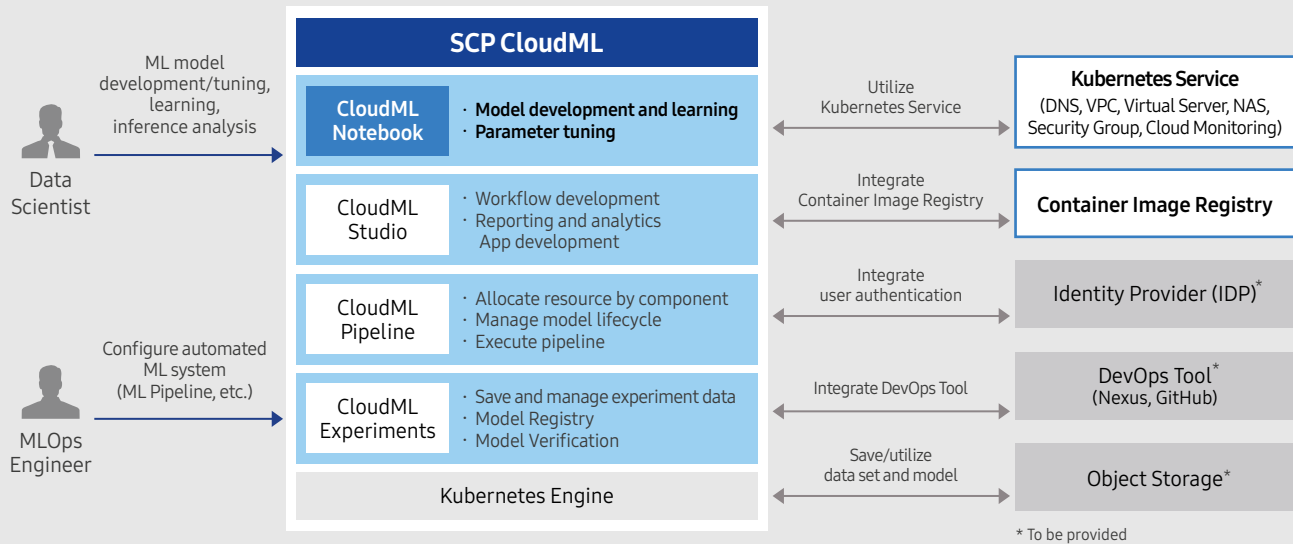
### Easy Setup of Personal Analysis Environment

Data analysts can configure a personal analysis environment within Jupyter Notebook. By selecting a kernel image available in custom mode or each project, they can easily configure a personal analysis environment or reconfigure by changing the environment.

### Seamless Collaboration

By integrating SCP Container Registry by cluster type, a shared analysis environment is configured immediately, allowing for seamless collaboration. The shared analysis environment can also be updated/reconfigured based on needs.

## Service Architecture



## Key Features




- **Provide environment for model development and learning**
  - Jupyter Notebook-based model development environment
  - Provide an option to select image by Notebook instance type (Including one built-in image)
  - Provide custom image through Pip install
- **Provide customized notebook environment for each use case**
  - Parameter tuning function for each model
  - Easy allocation/modification of computing resources
  - Integration with other CloudML services
  - Seamless collaboration with team members using sharable link

## Pricing

- **Billing**
  - Requested resource usage time of Kubernetes Engine occupied by CloudML Notebook (vCore/min)

FOR MORE INFORMATION

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