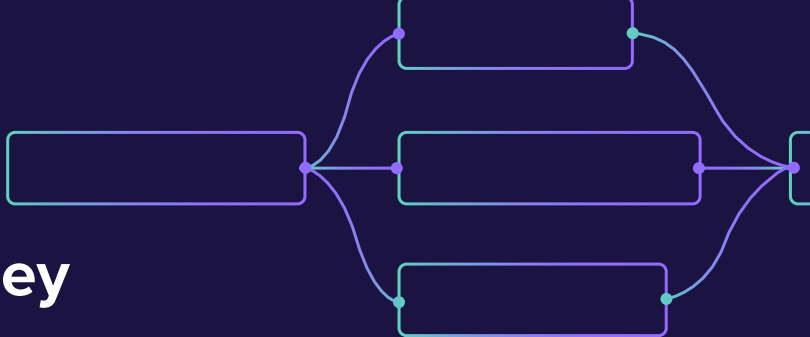


Accelerate your AI journey with AI Blueprints



Point-and-click simplicity

Enhance your applications with the power of ML in a few minutes

ML expertise packaged for developers

Create ML serving APIs without needing a deep understanding of models or algorithms

Customizable for your needs

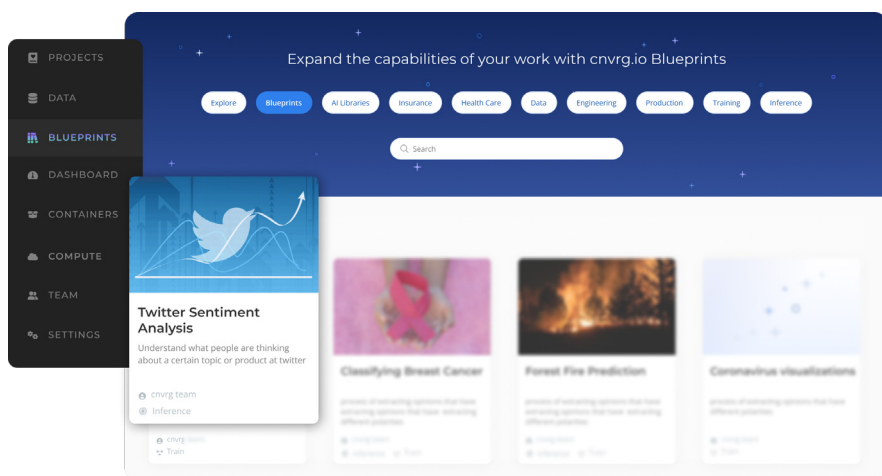
Users can enhance models with their own data to create a custom ML models for their own use cases

Key Features

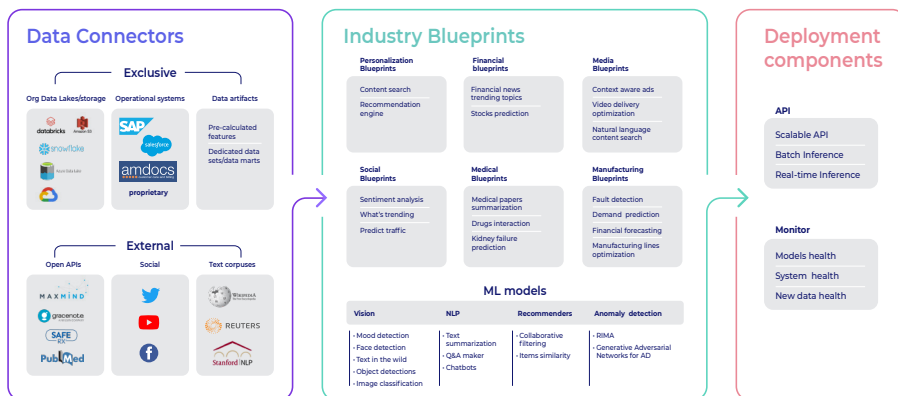
- Deploy Blueprints on-premises or in popular clouds
- Integrate in your app easily with ready code snippets and APIs
- Mix and match Blueprints to create your own for custom use cases
- Explore an ever-expanding variety of AI Blueprints in the marketplace.
- Apply developer-friendly Blueprints as ready-to-go ML API service
- Accelerate ML with fully integrated framework to help quickly ship ML to your applications

AI Blueprints are self service, customizable ML pipelines that can be quickly integrated with any application. With AI Blueprints, software developers are now first-class citizens in machine learning.

cnvrg.io AI Blueprints is democratizing AI to help software developers use it more seamlessly in their applications.



AI Blueprints are open-source pre-assembled machine learning pipelines that are built by cnvrg.io's ML experts, created for ready-made or custom uses by any developer. They're ideal for developers who want to build ML-powered applications easily. AI Blueprints can help you in different business use-cases such as understanding & engaging with customers, increasing sales with advanced predictions or optimizing ad placement leveraging ML models like recommender systems, sentiment analysis, object detection, and many others. Developers can deploy a Blueprint as is or use it as a guide for building their own, customized Blueprint within the cnvrg.io Metacloud MLOps platform.



Comprehensive library of Blueprints, connectors, and components



From ideation to deployment in a few clicks

Inference blueprints

Pull updated data from a variety of data sources and run it through a pre-trained model for immediate predictions

data > processing > inference

Training blueprints

Fine tune a model or train it on your own exclusive data and deploy it on your selected infrastructure

data > train > deploy

Blueprints components

Get access to a rich library of ready components and create your own story!

Scene detection Text in the wild

Q&A maker

There are a number of ways you can get started with AI Blueprints

- **Inference Blueprints** are ready to use ML APIs that let you connect your own data and get immediate predictions that you can put to use. You can also try them live to see how they work.
- **Training Blueprints** are for data scientists and AI-aware developers who want an accelerator for experimentation rather than starting from scratch. Select from different optimization strategies, adjust feature weights, and even try different types of compute!
- **Blueprints Components** are models, data connectors, and other operators that you can assemble into your own AI pipelines.

About cnvrg.io

cnvrg.io is an AI OS, transforming the way enterprises manage, scale and accelerate AI and data science development from research to production. The code-first platform is built by data scientists, for data scientists and offers unrivaled flexibility to run on-premise or cloud. From advanced MLOps to continual learning, cnvrg.io brings top of the line technology to data science teams so they can spend less time on DevOps. Since using cnvrg.io, teams across industries have gotten more models to production resulting in increased business value.

Contact us:

<https://cnvrg.io/>
sales@cnvrg.io

Schedule a demo:

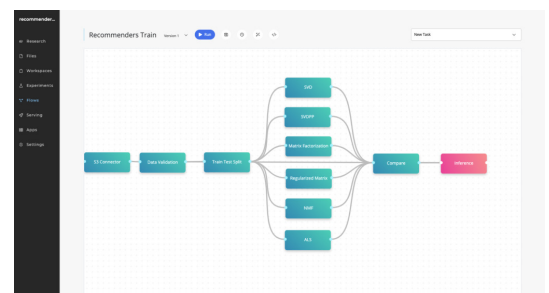
<https://cnvrg.io/demo/>

Get Started:

<https://metacloud.cloud.cnvrg.io/sign-up/>

Making developers first-class citizens in machine learning

Developers get all of cnvrg.io's ML engineering expertise from end to end – data, preprocessing, training, deployment, and monitoring. With self-service ease, AI Blueprints lets developers choose from a collection of pre-built end-to-end pipelines that developers can use immediately. Create batch, streaming, or RESTful endpoints that serve your applications. Developers can even create streaming endpoints for serving real-time machine learning without the need to build pipelines from scratch.



Easily use from your app, by just copying a code snippet and pasting it in your code:

```
1 import http.client
2 import json
3
4
5
6 def get_recommendations(user):
7     request_dict = {'user_id': user}
8     conn = http.client.HTTPSConnection("inference-1.aphdpxtu7fshs4kshx9quh.cloud.cnvrg.io")
9     payload = "{\"input_params\": " + json.dumps(request_dict) + "\"}"
10    headers = {
11        "cnvrg-api-key": "gTHEhad04rbu07p4YxITgcrd",
12        "Content-Type": "application/json"
13    }
14
15    conn.request("POST", "/api/v1/endpoints/w16a8bhzdtaajjia", payload, headers)
16    res = conn.getresponse()
17    data = res.read()
18    recommendations = json.loads(data.decode("utf-8"))['prediction']['recommendations']
19
20    return recommendations
```

Accelerate your AI Journey

Get started with AI Blueprints today, by [signing up for a cnvrg.io Metacloud account](#). Watch a demonstration of a Blueprint in action for fire detection.