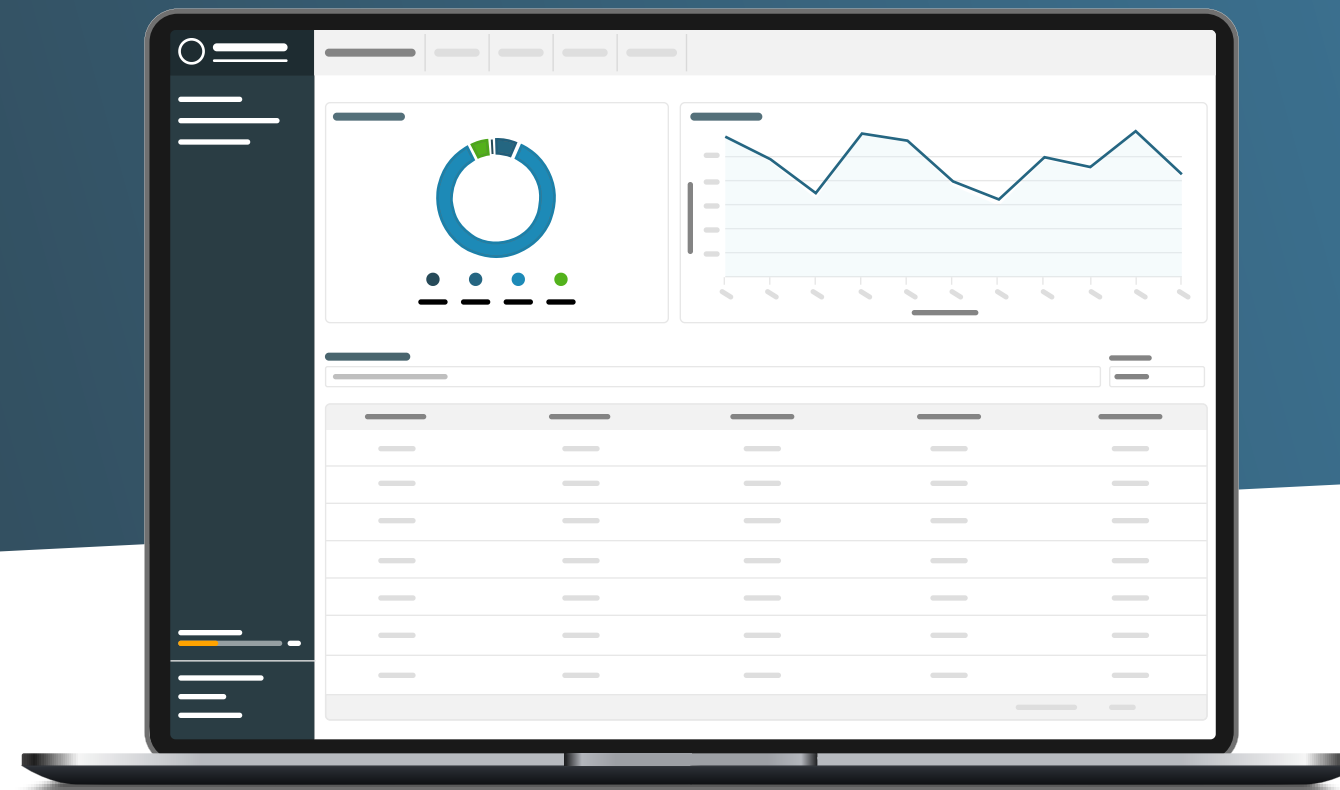




Training Data, Made Easy.



Structure, Automate, and Qualify your Training Data Efforts.

The Platform

RedBrick AI is a software platform for creating and managing computer vision training data. Teams use the platform to structure, automate and qualify their in-house labeling efforts in a collaborative way. The RedBrick platform has been designed with a focus on quality, workflow configurability, and ease-of-use. To encapsulate these ideas, the platform is built on the following three pillars.



Data Warehouse

Manage your data and labels

- ✓ Control your data by connecting to your existing storage methods - AWS S3, on-premise servers etc.
- ✓ Easily share and collaborate on assets without dealing with messy file structures.
- ✓ Handle import/export in a developer friendly way using our Python SDK.



Data Pipelines

Customize to your projects requirements

- ✓ Enable structured, and productive collaboration between annotators, engineers, and quality assurance teams.
- ✓ Speed up your workflow by integrating your own model/algorithm into your pipeline.
- ✓ Maintain complete insight and traceability into the progression of projects to optimize workflows.



Data Labeling

Generate high-quality labels faster

- ✓ Access high performance image/video labeling tools right in the browser.
- ✓ Leverage automated solutions to enable faster annotation and therefore lower costs.
- ✓ Use our managed workforce option to outsource any portion of your labeling pipeline - labeling, quality assurance etc.

Data Warehouse

The Data Warehouse is a central location to manage all your data and label assets. Your team can upload data from on-premise servers, third-party cloud providers, or store data with RedBrick AI.

- ✓ Import data from on-premise, third party servers, or choose to host your data with RedBrick.
- ✓ Collaboratively inspect, interact and manage data and labels from a single platform.
- ✓ Enable easy and programmatic interaction with data and labels through the use of the RedBrick AI Python SDK.
- ✓ Keep track of the progress and outputs of your projects throughout the lifecycle of the project.

Personal Work...
shivam@redbricka...

Projects
Data Warehouse


REDBRICKAI

Personal Workspace > Data Warehouse > car-poly

car-poly
Look through the data in this set

Export Data Delete Labelset

File Path	ID
cars/0719...	03cab68-...
cars/0719...	1016cf1-...
cars/0718...	22807173-...
cars/0718...	4855de0f-...
cars/0718...	5a7d061c-...
cars/0718...	69f50e43-...
cars/0719...	79d0dbc3-...
cars/0718...	97745296-...
cars/0719...	d44d0ecf-...
cars/0718...	e12e2a4e-...
cars/0718...	f2a48f45-b...
cars/0718...	f5a3e0c0-f...



>

Labels

Created: a few seconds ago

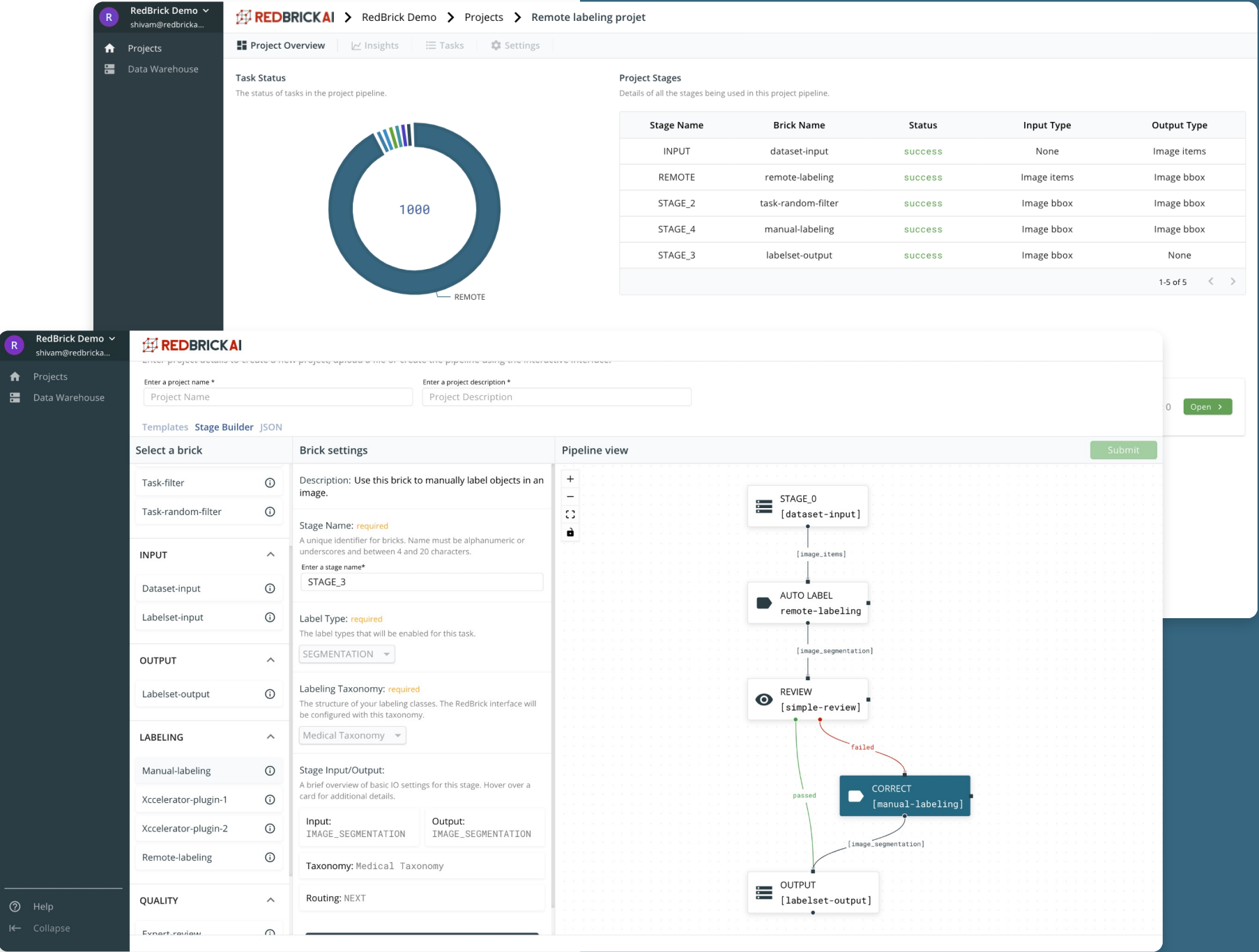
Category: object → car

```
1  
2 """Redbrick-sdk."""  
3 import redbrick  
4  
5 redbrick.init(  
6     api_key="<api_key>",  
7 )  
8 label_set = redbrick.labelset.LabelsetLoader(  
9     org_id="<org_id>",  
10    label_set_name="<labelset_name>"  
11 )  
12 label_set.export(format='coco')  
13  
14
```

Data Pipelines

RedBrick can be configured to suit the exact requirements of your labeling workflow. Build a pipeline using our large collection of modular bricks.

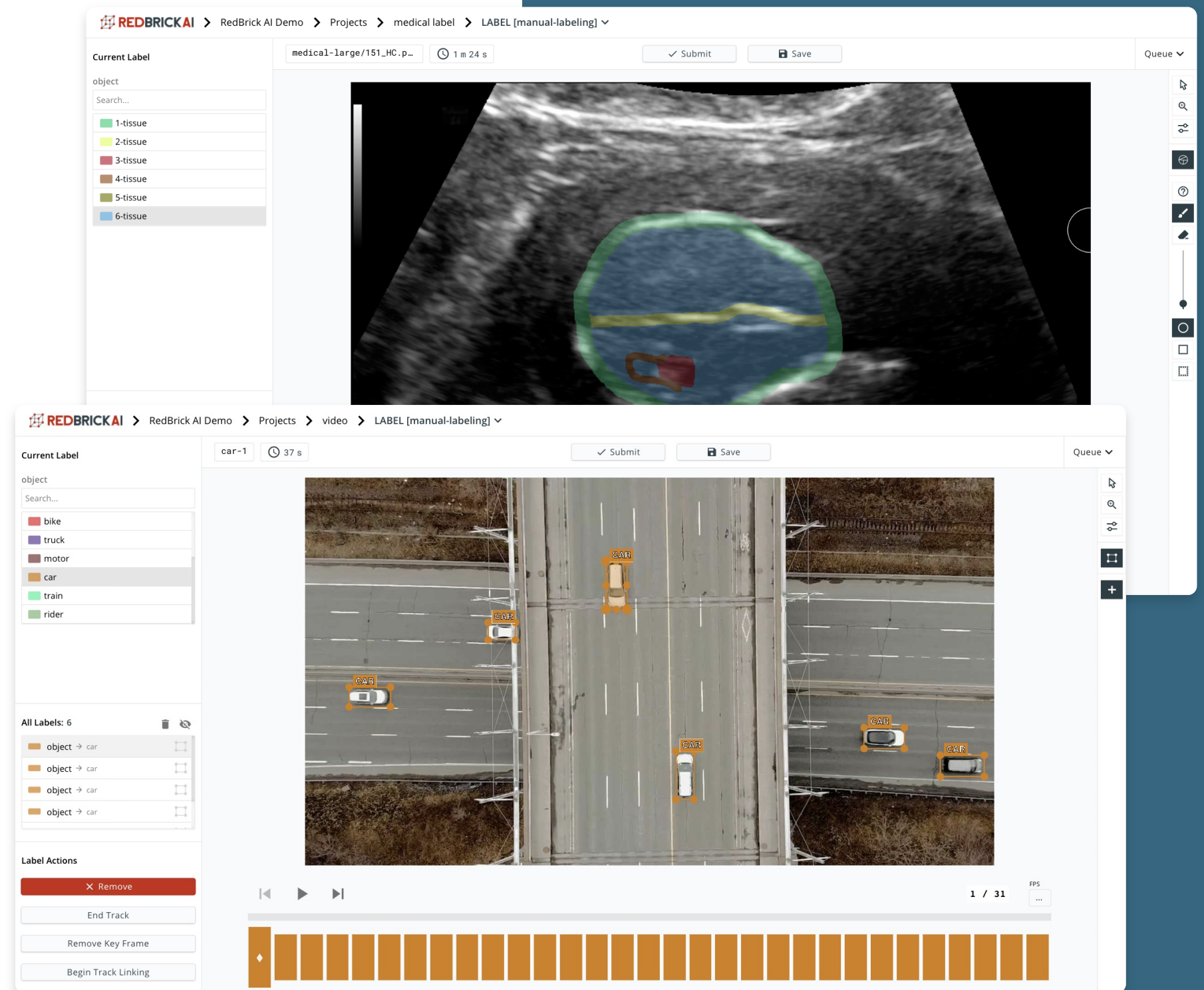
- ✔ Automate and structure your workflow by constructing a pipeline that works best for your use case.
- ✔ Easily leverage and combine an internal workforce, external workforce and automated resources.
- ✔ Make use of several modular bricks to label, review, qualify, augment, filter etc. your data.
- ✔ Maintain insights into the evolution of data throughout your pipeline, and fix inefficiencies sooner rather than later.



Data Labeling

RedBrick offers high performance manual and automatic tools for data-labeling. Our labeling tools for image and video data can be configured exactly to your project needs. RedBrick AI supports all the popular label types for image and video annotation.

- ✓ High performance, user friendly tools for bounding boxes, polygons, polylines, key points, segmentation etc. for image and video
- ✓ Interfaces and features for quality assurance and review to enforce quality standards.
- ✓ Custom configured interfaces to a user specified labeling class taxonomy.
- ✓ Automated tools to speed up manual labeling and lower costs.



Workforce

User your internal workforce, the RedBrick AI workforce or any combination of the two. The RedBrick AI workforce partners have several hundred full-time labelers, quality assurance experts and project managers. The throughput for projects can be scaled as needed.

- ✔ Add multiple people to your organization with varying permissions to make workforce management easier.
- ✔ Maintain clear and deep insights into the progress and performance of your team.
- ✔ Track time spent, number of tasks completed, and trace the work of each team member through the lifecycle of the project.
- ✔ Enjoy high quality labels from our standard multi-step labeling and review process. Add in automation steps for a quicker workflow, or internal review for further auditing.

