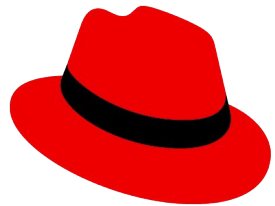


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Revolutionizing Document Processing: The Power of OpenShift AI Unleashed



Red Hat

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Associate Principal Specialist Solution Architect

Steffen Röcker

Senior Solution Architect

Sara Banderby

Senior Solution Architect

Predictive AI vs. Generative AI

Most common types of AI for business applications

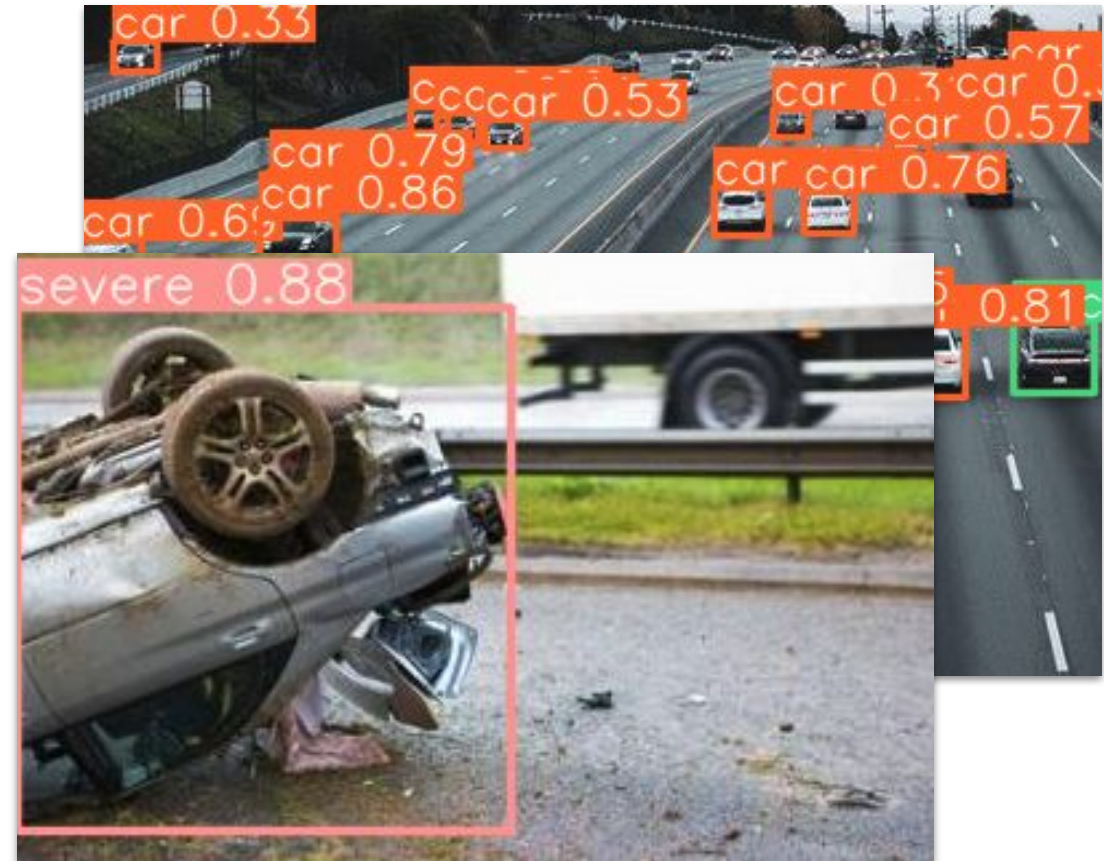
Predictive AI

Predicts or forecasts outcomes based on historical data

- Predict credit risk or fraud
- Forecast demand
- Offer product recommendations
- Predict a legal outcome
- Predict high-risk illnesses

Training a model **from scratch**

Needs **moderate** amounts of data



Predictive AI vs. Generative AI

Most common types of AI for business applications

Hi there, XYZ Insurance Company. I hope this email is okay and finds you okay. I had an accident, and I'm not exactly sure how to go about this, but I think it's something to do with a car accident claim, and my policy number is ABC12345, I think.

original, long-winded e-mail

Okay, so here's what happened:

Accident Stuff:

Date and Time: Um, so this accident thing happened on, like, October 15th, 2023, at, um, 2:30 PM, I think.

Location: So, it happened at this place, um, the intersection of Elm Street and Maple Avenue, near Smith Park in Springfield, Illinois. I heard you might need some coordinates? They're like 39.7476° N and 89.6960° W or something. Hope that helps.

Hi there, XYZ Insurance Company. I hope this email is okay and finds you okay. I had an accident, and I'm not exactly sure how to go about this, but I think it's something to do with a car accident claim, and my policy number is ABC12345, I think.

Okay, so here's what happened:

Accident Stuff:

Date and Time: Um, so this accident thing happened on, like, October 15th, 2023, at, um, 2:30 PM, I think.

Location: So, it happened at this place, um, the intersection of Elm Street and Maple Avenue, near Smith Park in Springfield, Illinois. I heard you might need some coordinates? They're like 39.7476° N and 89.6960° W or something. Hope that helps.

The Accidenty Part:

Weather Conditions: Well, the weather was kind of overcast, and a bit rainy. And the road was wet, you know.

Traffic Conditions: There were some cars around, but they were driving, like, the speed limit, which is, um, 35 mph.

Car Details: So, my car is a Honda Accord, and the other car was a Ford Escape. Yeah, that's right.

What Happened: So, I had the green light, and you know? But the other car, coming from the left, cut in front of my car on the passenger side. I don't know what happened.

human-readable summary

Summary:

The text is an email from John Smith to XYZ Insurance Company reporting a recent car accident involving his Honda Accord and a Ford Escape. The accident occurred on October 15, 2023, at approximately 2:30 PM at the intersection of Elm Street and Maple Avenue, near Smith Park, in Springfield, Illinois. John sustained minor injuries,

Sentiment:

The sentiment of the person writing this text appears to be calm, assertive, and cooperative.

Sentiment:

The sentiment expressed in this text seems to be assertive and frustrated.

Generative AI

Generates new, original content, based of trained data

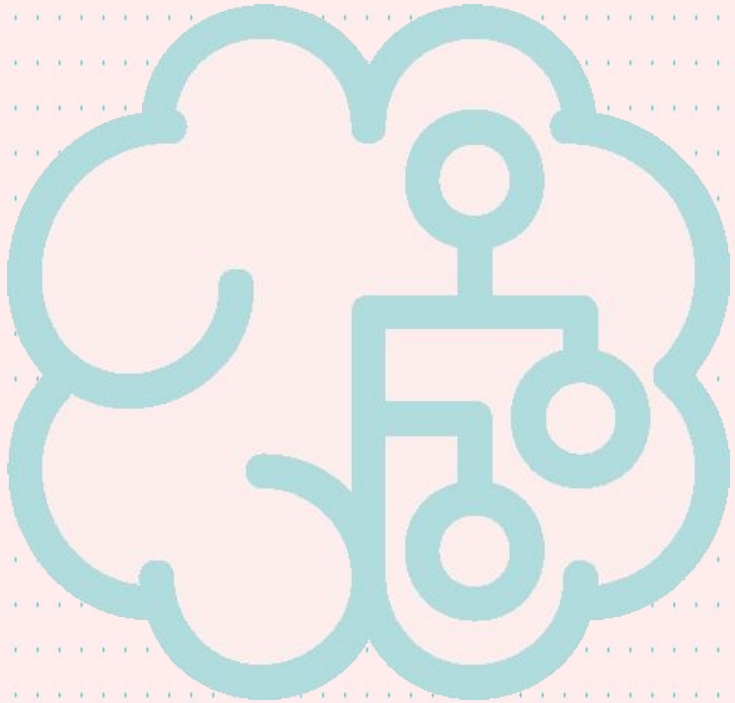
- Conversational Q&A (ChatGPT)
- Visual search and recommendations
- Virtual try-ons
- Image creation (art inspired by...)
- Music creation (copying existing styles)

Using a **foundational** model

Needs **massive** amounts of data

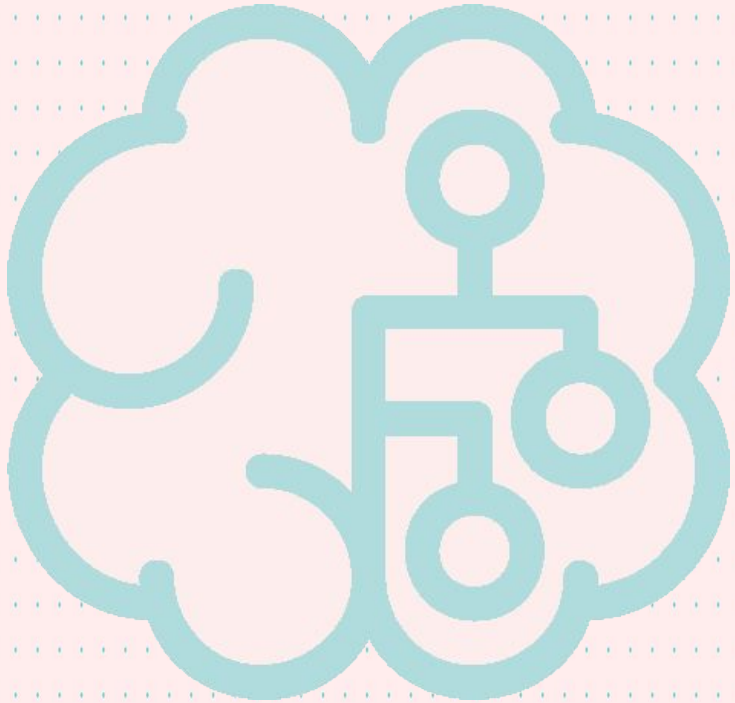
Ein paar **Fragen** vorab

Wer hat schon einmal mit Jupyter
Notebooks gearbeitet?



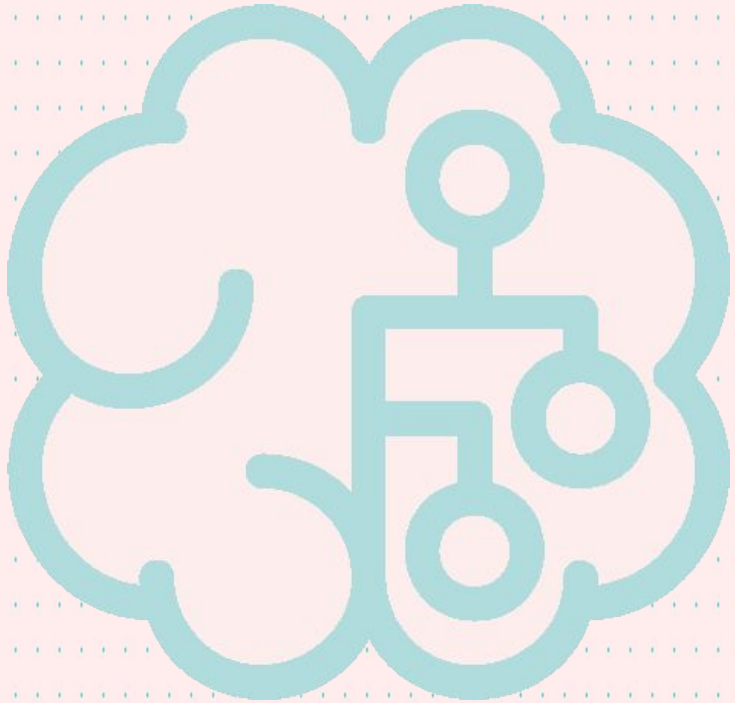
Ein paar **Fragen** vorab

Wer trägt *inhaltlich* zur
Modellerstellung bei?



Ein paar **Fragen** vorab

Wer stellt Modelle zur Verfügung
(operativ, z.B. Storage oder Serving)?



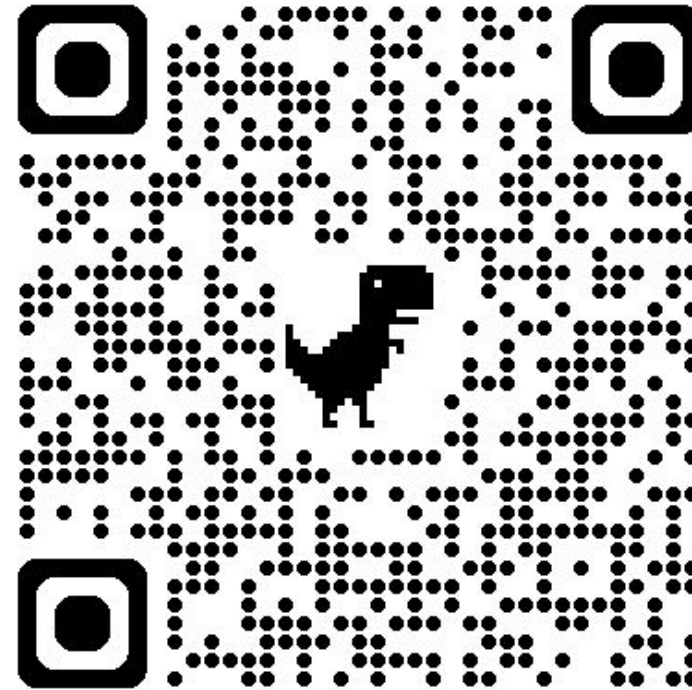
Agenda:

Name	Duration	Type	Description
Background	5	Presentation	<ul style="list-style-type: none">• We describe what the desired end state looks like.• Describe overall user experience and underlying architecture.• Share mockups for better visualization
Connection and Setup	5	Hands-On	<ul style="list-style-type: none">• Attendees get connected• help validate environment health• access the playpen project
LLM	20	Hands-On	<ul style="list-style-type: none">• summarization check• sentiment check• Model Comparison check and choice• prompt engineering exercise• confidence-check pipeline
Image Processing	20	Hands-On	<ul style="list-style-type: none">• car recognition checks• re-training exercise• model deployment
Web App	20	Hands-On	<ul style="list-style-type: none">• deployment• update• RAG
Productization	5	Presentation + discussion	<ul style="list-style-type: none">• What else could we add that would have value?• What else could we do following the same patterns?

Permanent lab guide: <https://rh-aishervices-bu.github.io/parasol-insurance/>

Parasol Insurance Workshop

- **Link:** <https://catalog.demo.redhat.com/workshop/9ssbhs>
- **Password:** ai



- **Permanent lab guide:**
<https://rh-aiservices-bu.github.io/parasol-insurance/>

Questions?

Session: 18:00 - 18:30



Jetzt Session bewerten!

Einfach QR-Code
scannen, Track 5a
wählen und bewerten.
Vielen Dank!

red.ht/rhsc24-de-s9

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