Simplify Complexity

**We take care of the complicated technology,
so that you can concentrate on adding value.**

[byte**source**]

Your reliable partner for 15 years...

Cloud

- Governance & Cost Control
- DevOps & Security
- Service Migrationen (6 Rs)
- Datenbank Migrationen
- Architecture & Development
- Well Architected Reviews
- Solution Provider
- Managed DevOps Services

Atlassian

- AUT Platinum Partner
- Best Practice Consulting
- Lizenz Management
- Installation & Upgrades
- Trainings
- Managed Service
- Performance Optimierung
- Cloud Migrationen
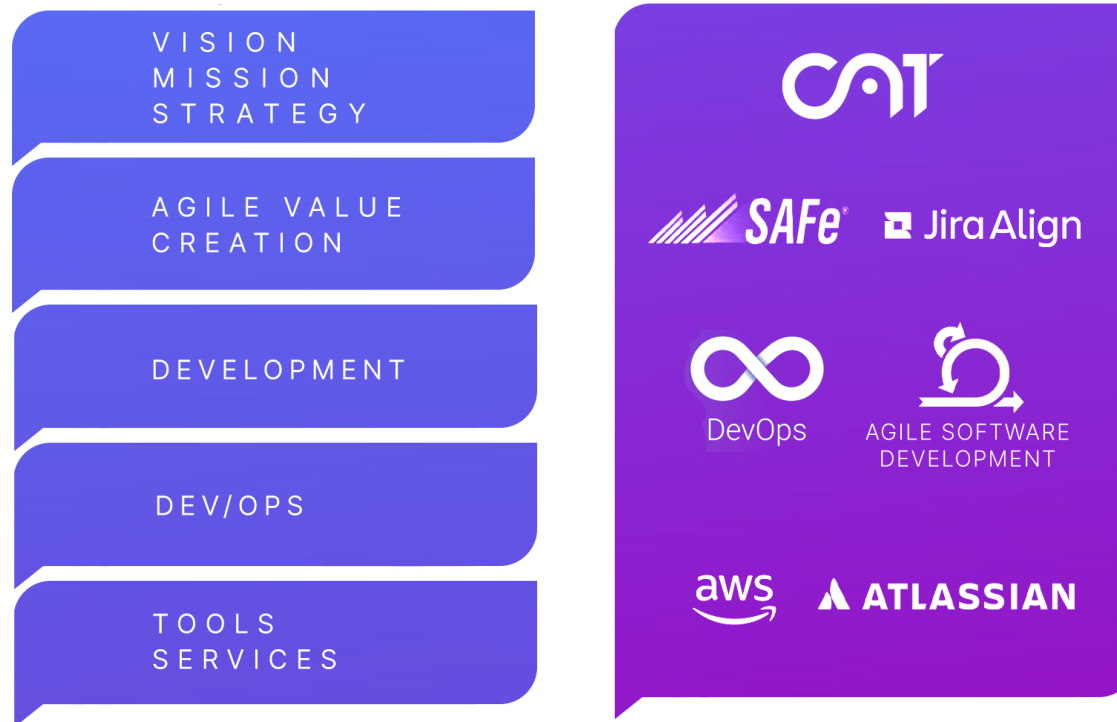- ITSM, Agile @Scale

Development

- Custom Solutions
- Cloud & on Premise
- Agile Methoden
- SRE & DevOps Konzepte
- Enterprise Architektur
- Enterprise App Integration

DevOps

- Cloud / Hybrid Szenarien
- Metrics & Visibility
- Cont. [Everything]
- Monitoring & Alerting
- Best Practice Consulting
- Solution for every DevOps Lifecyle Stage
- DevOps as a Service

...embraces AI in all we do

AGAILE

VISION MISSION STRATEGY	CAT
AGILE VALUE CREATION	SAFe Jira Align
DEVELOPMENT	DevOps AGILE SOFTWARE DEVELOPMENT
DEV/OPS	
TOOLS SERVICES	aws ATLASSIAN

OpenAI
GPT 3.5 – GPT 4 turbo

amazon | ANTHROP\C

Microsoft 365 Copilot

G Bard

AI Consulting and POC

Dive deep into the capabilities of AI-driven chatbots tailored for your business. We collaboratively outline the steps and provide a proof-of-concept for your use case.
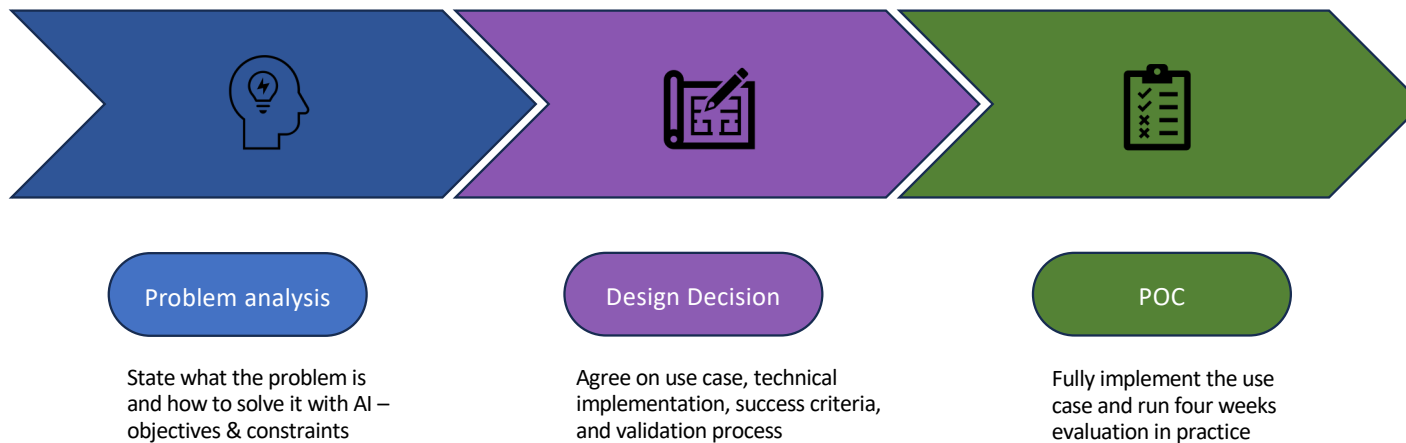
aws marketplace

Highlights

- Customized Approach: Through personalized workshops and tailored content integration, our service aligns perfectly with your specific business needs, ensuring a chatbot that resonates with your audience.

- Comprehensive Support: From the initial POC implementation on AWS to 4 weeks of dedicated service operation, our team provides end-to-end support, ensuring a seamless and effective chatbot experience.

- Data-Driven Insights: Our detailed accuracy report equips you with actionable insights, allowing for informed decisions on optimizing and scaling your AI chatbot solution.
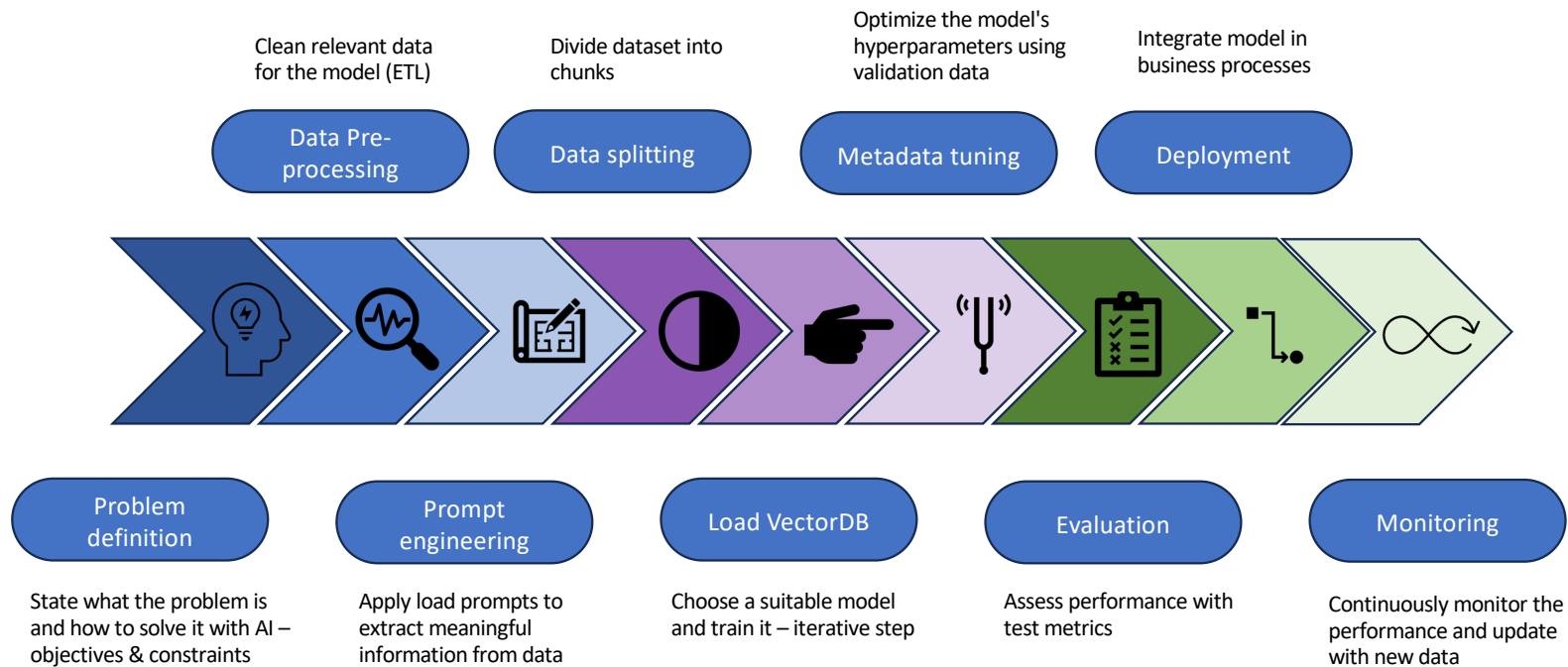
CAT

aws marketplace

Steps of the mini-project

Problem analysis	Design Decision	POC
State what the problem is and how to solve it with AI – objectives & constraints	Agree on use case, technical implementation, success criteria, and validation process	Fully implement the use case and run four weeks evaluation in practice

Mini-project elements

- **Tailored Workshops**: Over the span of three interactive workshops, each lasting 2-3 hours, our team engages closely with you. We strive to understand your unique requirements, evaluate the prospective potential of the AI chatbot, and lay down the groundwork for an impactful proof-of-concept (POC).

- **Content Customization**: To make the chatbot relevant and resourceful, we integrate content of your choice, accommodating up to 100 pages from PDF documents. This ensures the bot is well-informed and can provide precise answers.

- **POC Implementation**: Once the preliminary insights are gathered, we roll up our sleeves to implement the POC on the robust AWS platform, ensuring a scalable and secure solution.

- **Dedicated Service Operation**: Post-implementation, we don't just leave you hanging. We offer 4 weeks of dedicated service operation, ensuring the chatbot runs smoothly and caters to your audience effectively.

- **Accuracy Report Generation**: As a crucial part of our service, we provide a detailed accuracy report on the chatbot's performance. This empowers you with the data-driven insights needed to make informed decisions on the next steps and potential scale-up.

- In the best case scenario the service is transferred to production.

POC Implementation Steps

Clean relevant data for the model (ETL)

Divide dataset into chunks

Optimize the model's hyperparameters using validation data

Integrate model in business processes

Data Pre-processing

Data splitting

Metadata tuning

Deployment

Problem definition

Prompt engineering

Load VectorDB

Evaluation

Monitoring

State what the problem is and how to solve it with AI – objectives & constraints

Apply load prompts to extract meaningful information from data

Choose a suitable model and train it – iterative step

Assess performance with test metrics

Continuously monitor the performance and update with new data

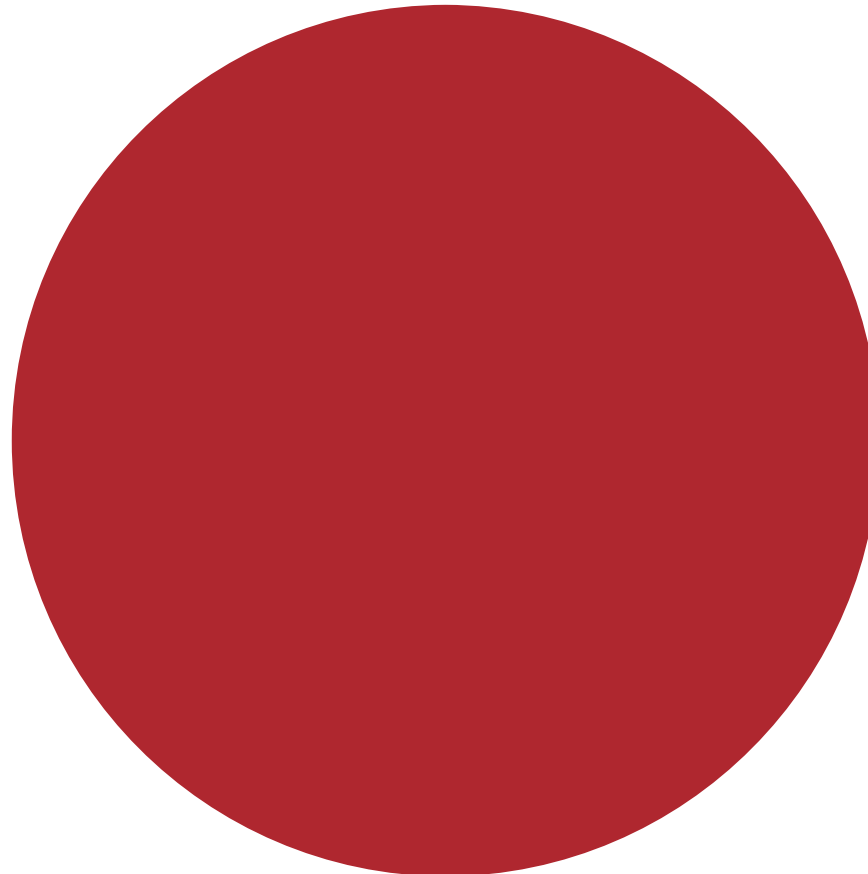**ByteSource Deutschland GmbH**

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60327 Frankfurt
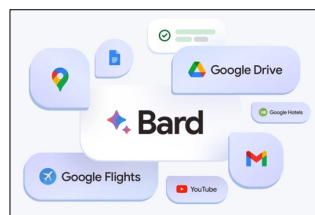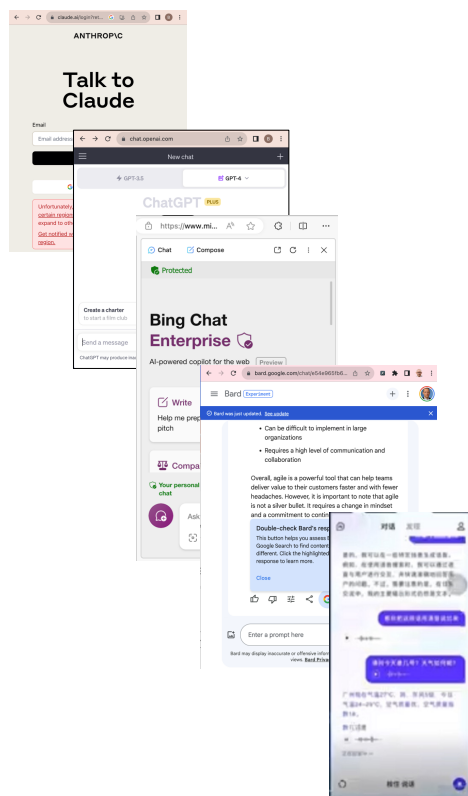
Deutschland – Germany

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Technical detail

General AI-related services

Claude

GPT 3.5 – GPT 4 turbo

LaMDA
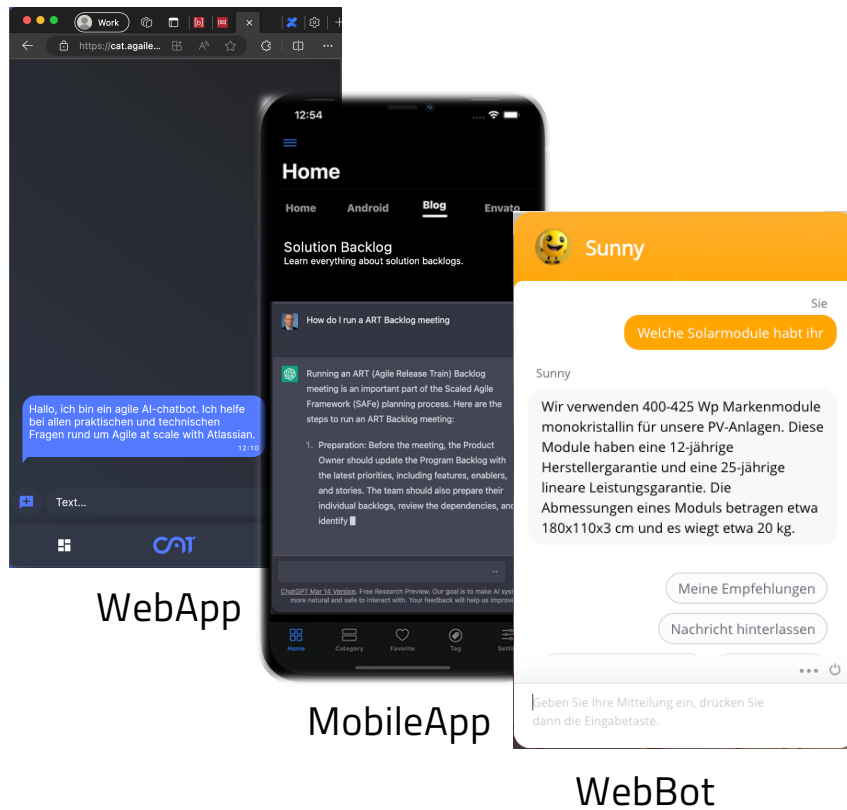
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Baidu 百度

Bytesource corporate offerings

WebApp

MobileApp

WebBot

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Microsoft

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CAT integrates corporate content safely