### **opentext**<sup>™</sup>

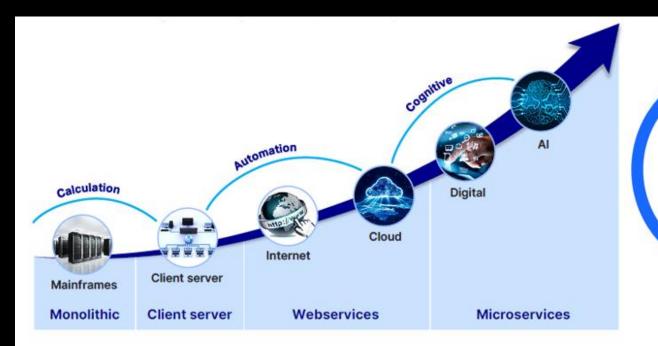
AI will transform how application development and testing is conducted?

**Application Delivery Track** 

Kim Ries Westergaard Lead Solution Consultant | DevOps Cloud Nordics



#### Generative AI – All on board!





"Generative AI will replace much of the web."





Gartner sees generative Al becoming a general-purpose technology with an impact like that of the steam engine, electricity and the internet."

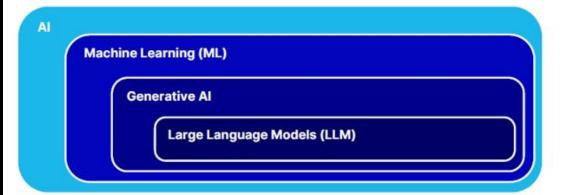


Gartner

means to be a company. what it means to work, and what it means to be human."

"Al will impact what it

Mark J. Barrenechea CEO & CTO OpenText



**Natural** Language Processing

- Programmed Translation
- Information Extraction
- Process Automation

Robotics

- Planning Optimization
  - Expert Systems
  - IoT

Complex Events

- Text to Speech
- · Speech to Text
- Machine Vision
- Image Recognition

Machine Learning

- Predictive Models
- Deep Learning
- · Reinforced Learnings

Generative Computing Al

Generation

Based on

Learnings

Language

Models

Large

of Artifacts

 Computing Speed

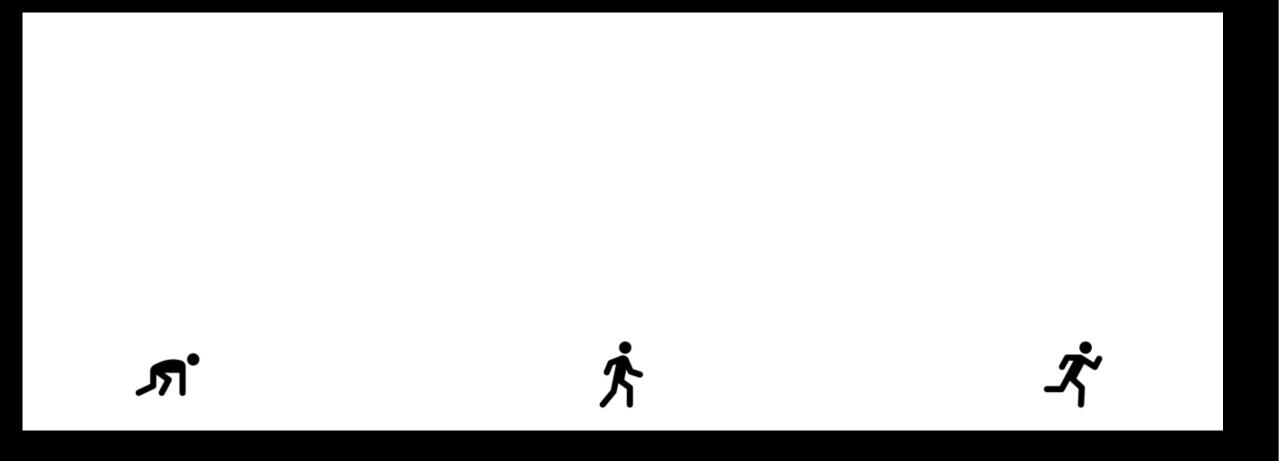
Quantum

- Computing Power
- Cybersecurity
- Neural Networks
- Learn, Reason. Act Based on Proficiency and Experience

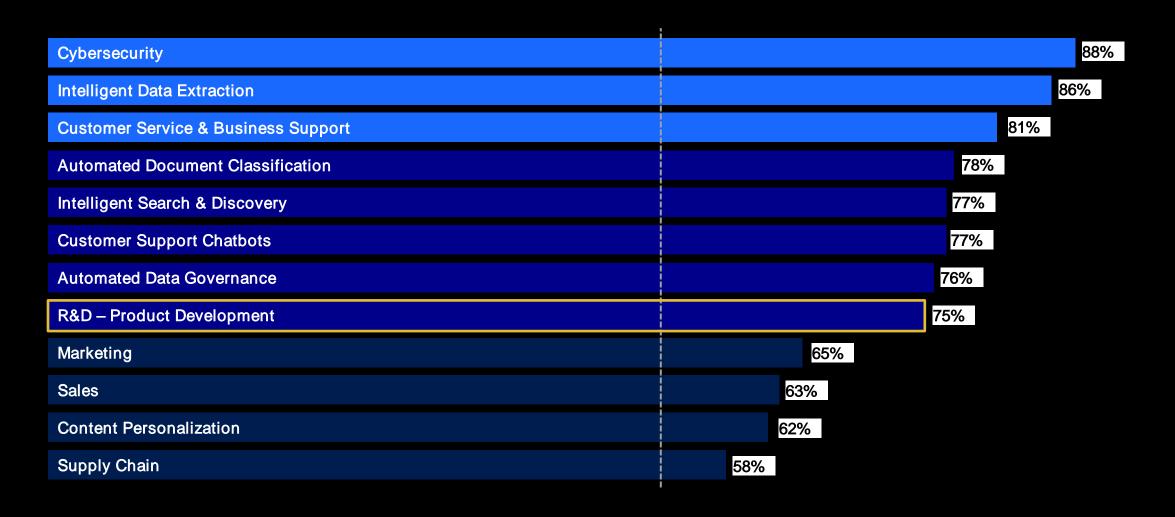
Cognitive

Systems

### Where are you on generative Al adoption curve?



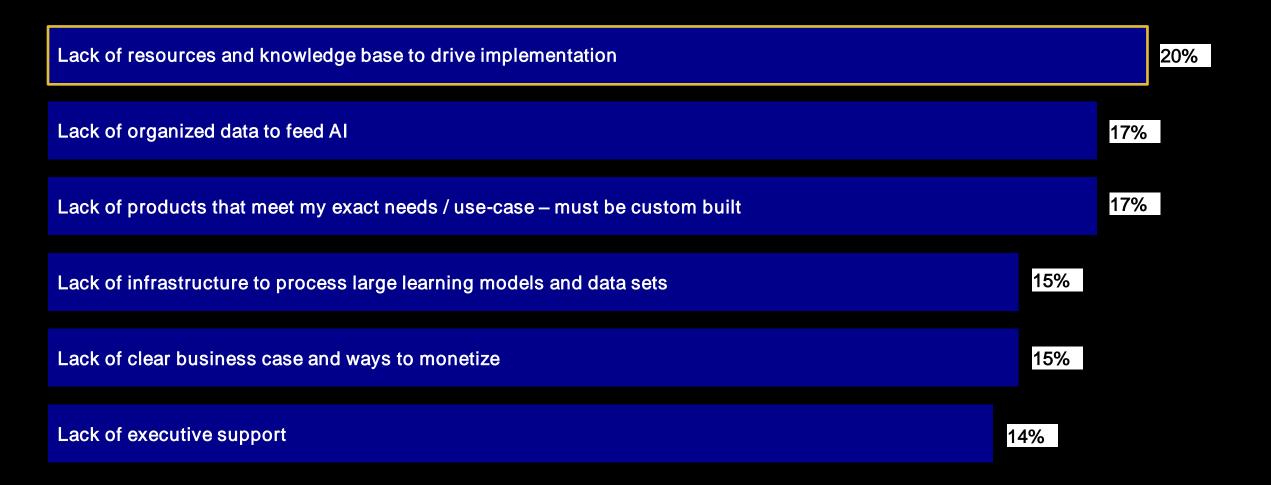
#### Which Al based solutions are most essential for you?



### How will Al make an impact for your business?

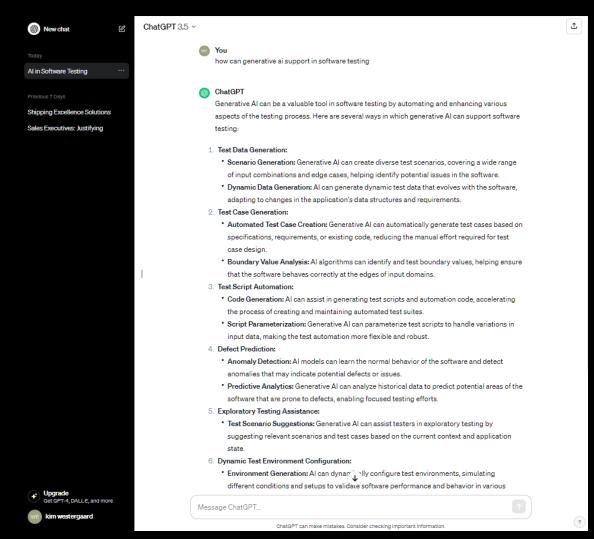


#### What do you anticipate as hurdles to benefiting from AI?



#### Power of Generative Al and LLM

-how can generative ai support in software testing?



### Use of open LLMs like ChatGPT



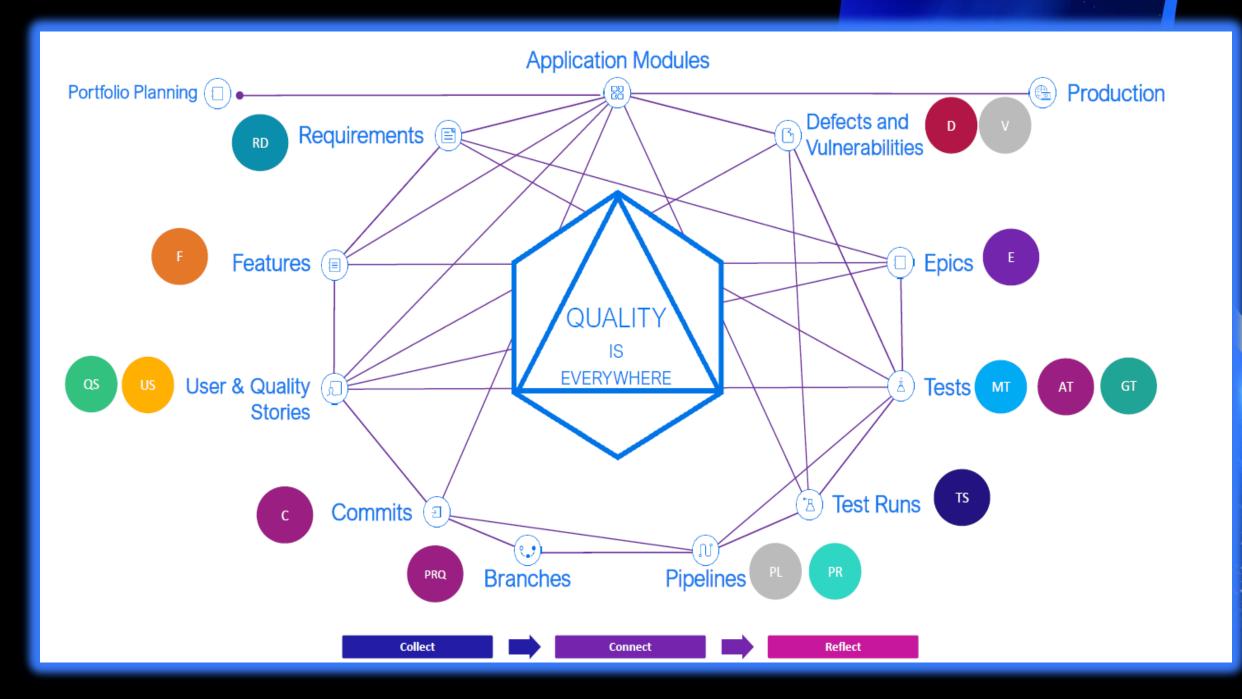


**Generate Tests** 

Generate Testdata

## But what is missing for an AI to become truly powerful

# CONTEXT



### Al Embedded in Testing Tools

#### Disclaimer

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## What can we imagine from a software testing tool perspective

# 1 Al Assistant

# 2 Al Assisted Analytics

# 3 Al Automation



### # 1 Al Assistant

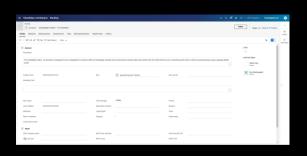
Overview: In a fast-paced corporate environment, efficiency and productivity are paramount. To streamline tasks and enhance employee effectiveness, the implementation of an AI assistant proves to be a valuable solution. This use case explores the deployment of an AI assistant in a corporate setting to assist on routine tasks, help with complex tasks and augment decision-making processes.

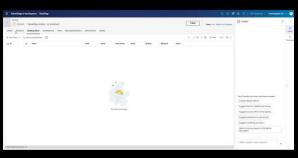


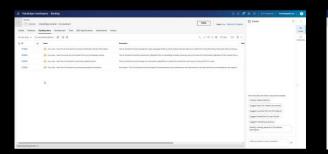
### Al Assistant

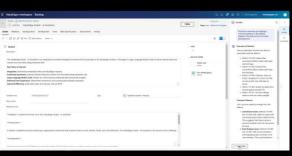
### **Aviator Smart Assistant**

Your new virtual advisor – ask me anything! In context, beyond the visible









Feature Creation

User Stories and Development Tasks Creation

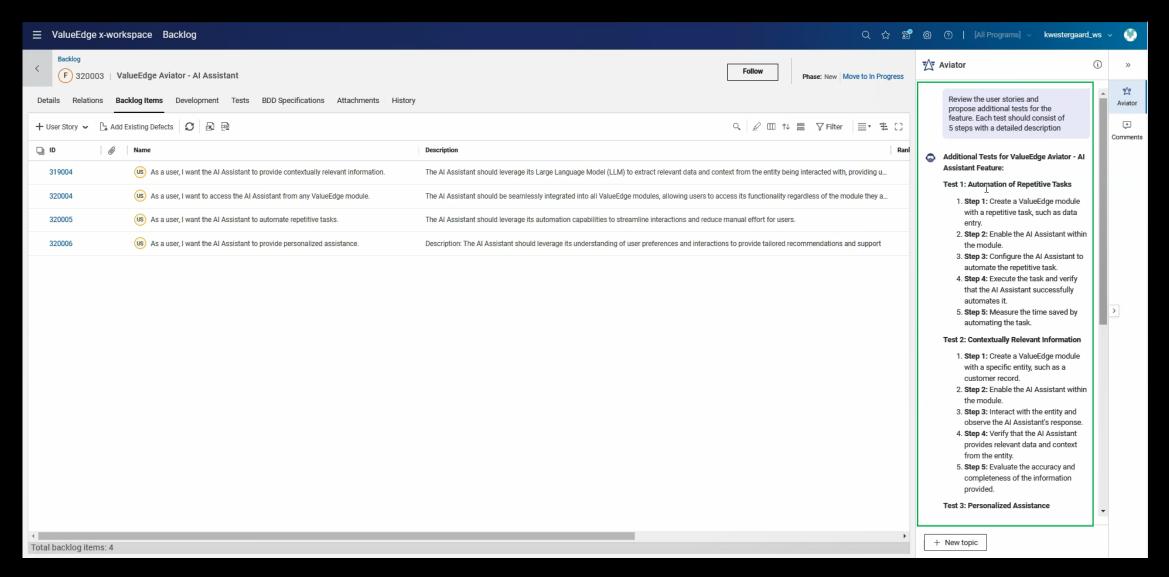
**Tests Creation** 

Analyse User Stories and Defects

#### Al Aviator Smart Assistant

Your new virtual advisor - ask me anything! In context, beyond the visible

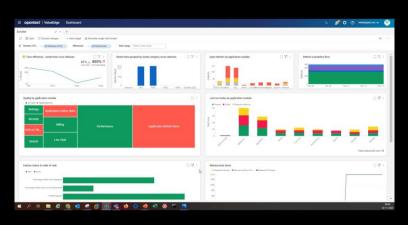




### # 2 Al Assisted Analytics

Al analytics offers a range of benefits, including enhanced data processing capabilities, improved accuracy, automation of repetitive tasks, and the ability to uncover valuable insights. These advantages contribute to more efficient and effective decision-making processes for organizations across various industries.

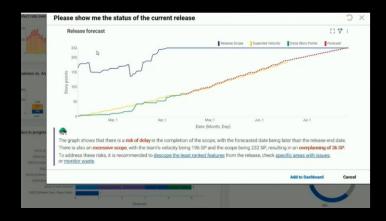
## Al Assisted Analytics



Prompting instead of configurations

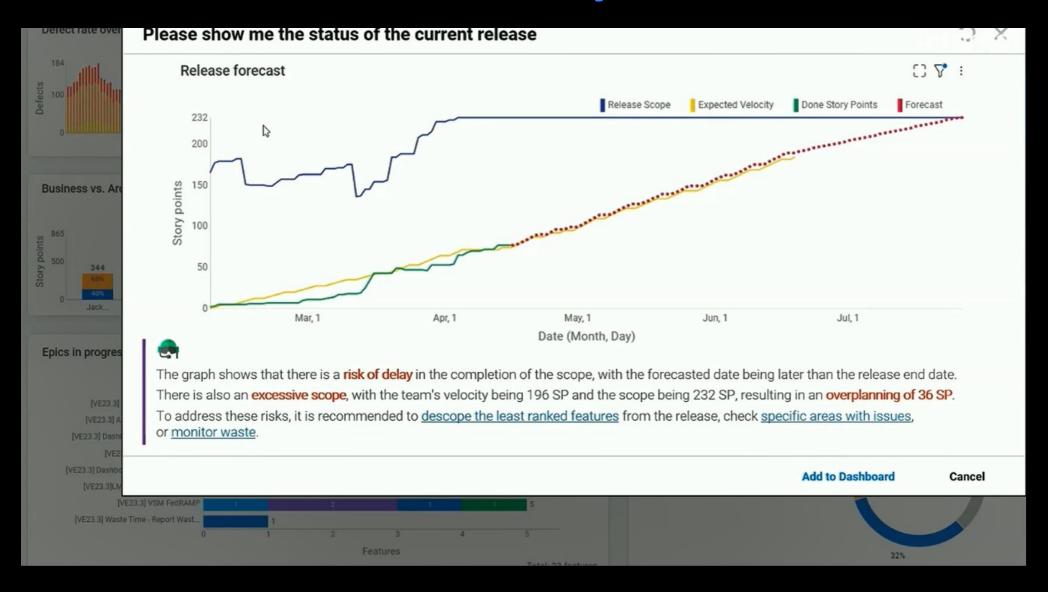


Advanced forecasting



Correlation of data to pinpoint problem areas

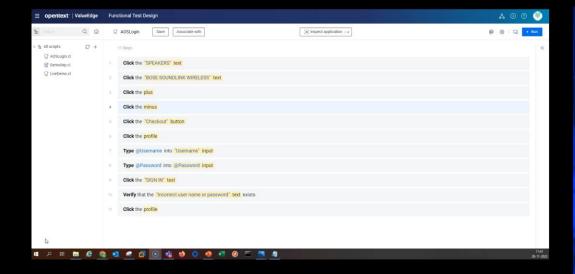
### Al Assisted Analytics

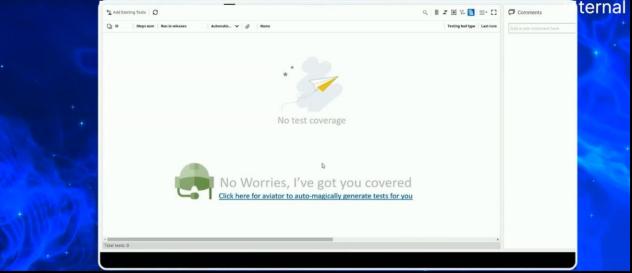


### #3 Al Automation

Integrating AI into automated testing processes offers advantages such as increased efficiency, broader test coverage, adaptability to changes, and intelligent decision-making. These benefits contribute to the overall effectiveness of the testing lifecycle, enabling organizations to deliver high-quality software in a timely manner.

### Al Automation

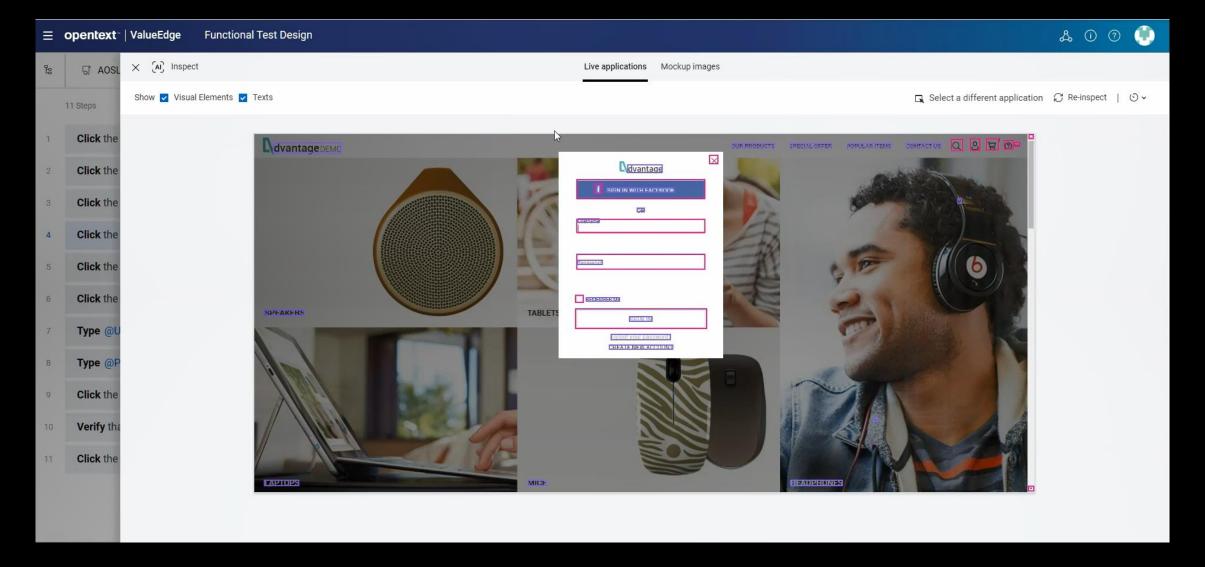




Codeless AI based test

Creation of automated Al based test

### Al Automation



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