

Skills that empower engineers to drive business impact

Lydia Seidlitz • Based on my personal experience



Why should engineers care about the product?

Companies need to build products and offer services that fulfill different needs.



CUSTOMER

Meet the needs of the customer



BUSINESS

Align with the strategic business objectives



TECHNOLOGY

Are functional using available technology

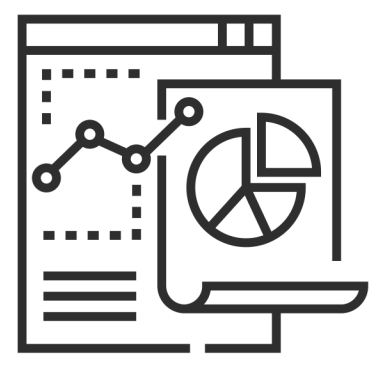
Technology is a core enabler for innovation and operational efficiency.



Let's fill this
toolbox
with 5 key
skills!



3



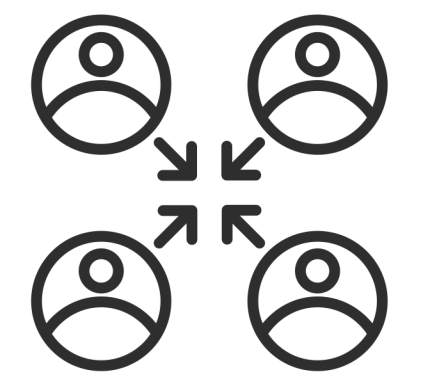
DATA-DRIVEN
DECISION-MAKING

4



CONTINUOUS
LEARNING

5



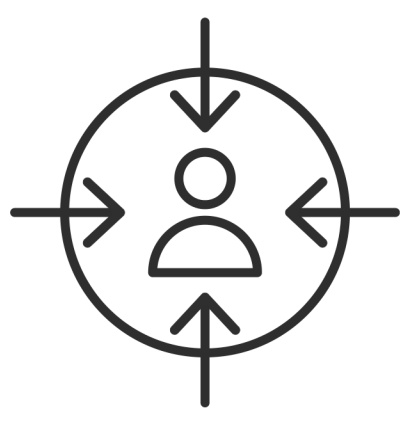
CROSS-FUNCTIONAL
COMMUNICATION

2



BUSINESS
ACUMEN

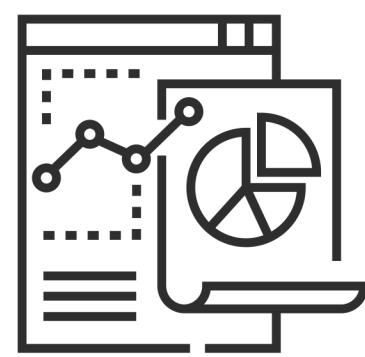
1



USER CENTRICITY



3



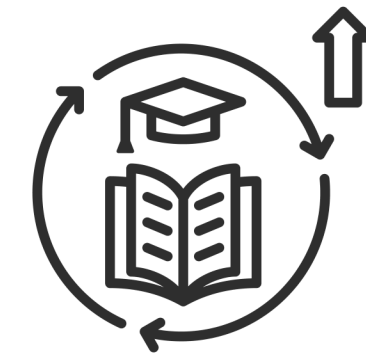
DATA-DRIVEN
DECISION-MAKING

2



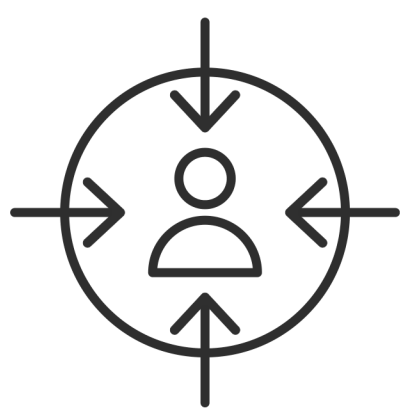
BUSINESS
ACUMEN

4



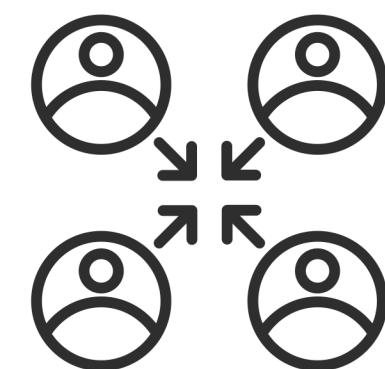
CONTINUOUS
LEARNING

1



USER CENTRICITY

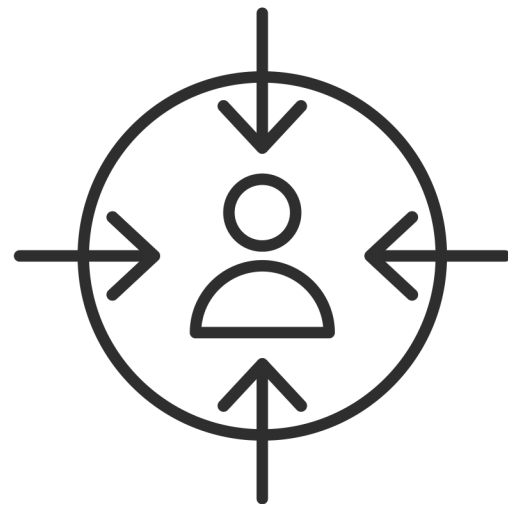
5



CROSS-FUNCTIONAL
COMMUNICATION



1



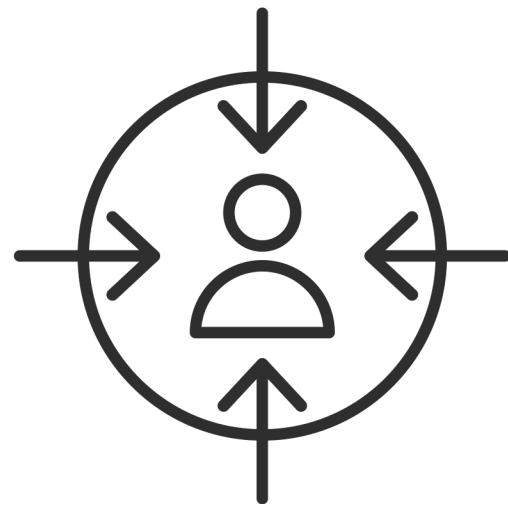
USER CENTRICITY



An approach to product and service development that prioritizes the needs, preferences, and behaviors of the end-users

It can enhance customer satisfaction, loyalty, and retention.

1



USER CENTRICITY

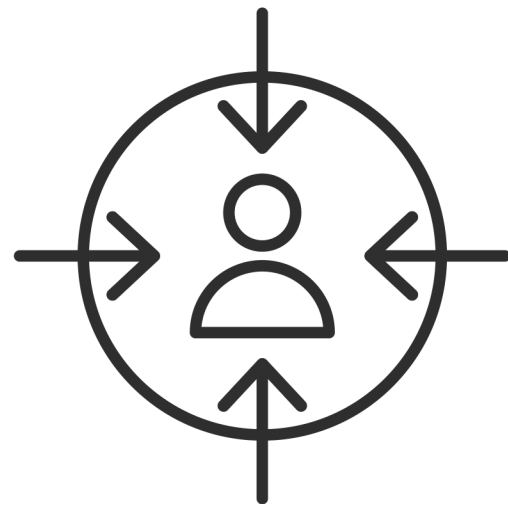


An approach to product and service development that prioritizes the needs, preferences, and behaviors of the end-users

It can enhance customer satisfaction, loyalty, and retention.

**BE A USER OF
THE PRODUCT**

1



USER CENTRICITY

An approach to product and service development that prioritizes the needs, preferences, and behaviors of the end-users

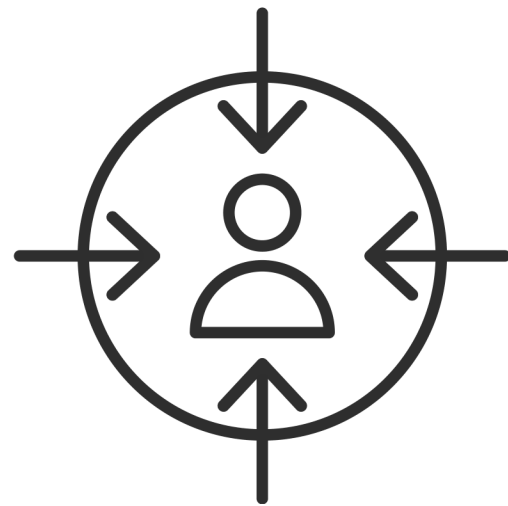
It can enhance customer satisfaction, loyalty, and retention.



BE A USER OF THE PRODUCT

ENGAGE WITH THE USER

1



USER CENTRICITY

An approach to product and service development that prioritizes the needs, preferences, and behaviors of the end-users

It can enhance customer satisfaction, loyalty, and retention.

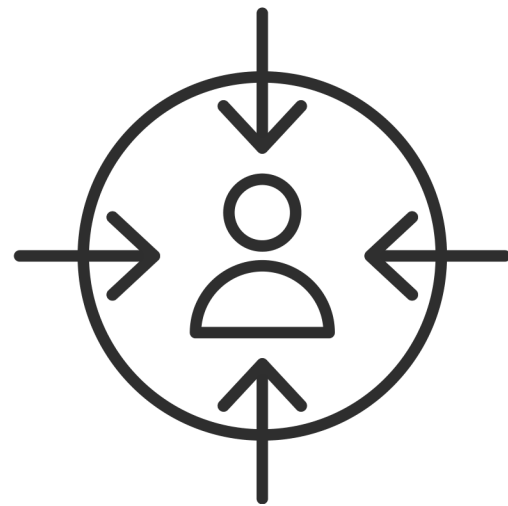


BE A USER OF
THE PRODUCT

ENGAGE WITH
THE USER

WORK CLOSELY
WITH
PRODUCT
DESIGNERS

1



USER CENTRICITY



An approach to product and service development that prioritizes the needs, preferences, and behaviors of the end-users

It can enhance customer satisfaction, loyalty, and retention.

BE A USER OF THE PRODUCT

ENGAGE WITH THE USER

WORK CLOSELY WITH PRODUCT DESIGNERS

INTERACT WITH CUSTOMER SUPPORT AND OPERATIONS

2



**BUSINESS
ACUMEN**



The ability to understand and interpret business situations in a way that leads to successful outcomes

It can help identify opportunities for innovation and assess risks from a broader perspective.

2



**BUSINESS
ACUMEN**



The ability to understand and interpret business situations in a way that leads to successful outcomes

It can help identify opportunities for innovation and assess risks from a broader perspective.

**UNDERSTAND THE
BUSINESS MODEL**

2



**BUSINESS
ACUMEN**



The ability to understand and interpret business situations in a way that leads to successful outcomes

It can help identify opportunities for innovation and assess risks from a broader perspective.

**UNDERSTAND THE
BUSINESS MODEL**

**INTERACT WITH
BUSINESS
STAKEHOLDERS
AND
PRODUCT MANAGERS**

2



**BUSINESS
ACUMEN**



The ability to understand and interpret business situations in a way that leads to successful outcomes

It can help identify opportunities for innovation and assess risks from a broader perspective.

**UNDERSTAND THE
BUSINESS MODEL**

**INTERACT WITH
BUSINESS
STAKEHOLDERS
AND
PRODUCT MANAGERS**

**SUGGEST
NEW FEATURES**

2



**BUSINESS
ACUMEN**

The ability to understand and interpret business situations in a way that leads to successful outcomes

It can help identify opportunities for innovation and assess risks from a broader perspective.



**UNDERSTAND THE
BUSINESS MODEL**

**INTERACT WITH
BUSINESS
STAKEHOLDERS
AND
PRODUCT MANAGERS**

**SUGGEST
NEW FEATURES**

**ESTIMATE FINANCIAL
LOSS WHEN OUTAGES
HAPPEN**

3



DATA-DRIVEN DECISION-MAKING

An approach to use data to inform, support, and validate decision-making processes

It can enhance the accuracy, objectivity, and effectiveness of decisions.



3



DATA-DRIVEN DECISION-MAKING

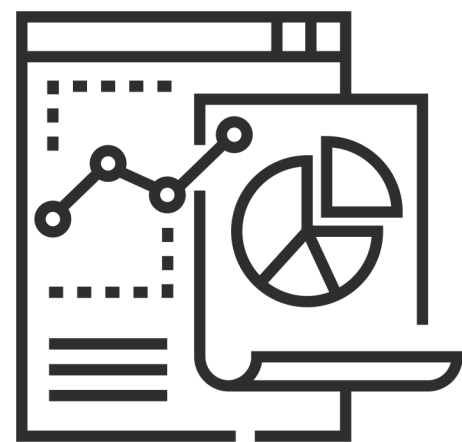


An approach to use data to inform, support, and validate decision-making processes

It can enhance the accuracy, objectivity, and effectiveness of decisions.

**CAPTURE DATA
OPTIMIZED FOR
ANALYTICS**

3



DATA-DRIVEN DECISION-MAKING

An approach to use data to inform, support, and validate decision-making processes

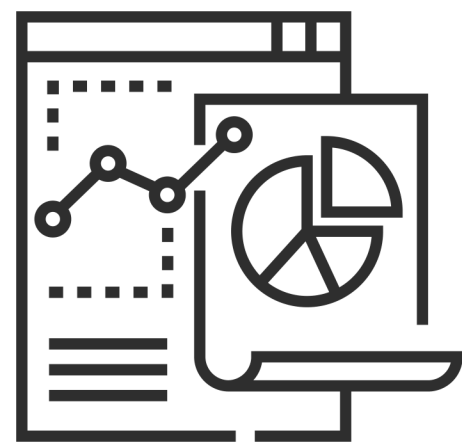
It can enhance the accuracy, objectivity, and effectiveness of decisions.



**CAPTURE DATA
OPTIMIZED FOR
ANALYTICS**

VISUALIZE DATA

3



DATA-DRIVEN DECISION-MAKING

An approach to use data to inform, support, and validate decision-making processes

It can enhance the accuracy, objectivity, and effectiveness of decisions.



CAPTURE DATA
OPTIMIZED FOR
ANALYTICS

VISUALIZE DATA

MEASURE
THE IMPACT
OF THE FEATURE

3



DATA-DRIVEN DECISION-MAKING

An approach to use data to inform, support, and validate decision-making processes

It can enhance the accuracy, objectivity, and effectiveness of decisions.



**CAPTURE DATA
OPTIMIZED FOR
ANALYTICS**

VISUALIZE DATA

**MEASURE
THE IMPACT
OF THE FEATURE**

**INTERACT WITH
DATA ANALYSTS**

4



**CONTINUOUS
LEARNING**

The ongoing, voluntary, and self-motivated pursuit of knowledge and skills throughout one's life

It can contribute to personal, professional, and intellectual improvement and helps to stay relevant.



4



**CONTINUOUS
LEARNING**



The ongoing, voluntary, and self-motivated pursuit of knowledge and skills throughout one's life

It can contribute to personal, professional, and intellectual improvement and helps to stay relevant.

**STAY UP-TO-DATE
WITH
TECHNOLOGICAL
ADVANCES**

4



**CONTINUOUS
LEARNING**

The ongoing, voluntary, and self-motivated pursuit of knowledge and skills throughout one's life

It can contribute to personal, professional, and intellectual improvement and helps to stay relevant.



**STAY UP-TO-DATE
WITH
TECHNOLOGICAL
ADVANCES**

**VISIT CONFERENCES
OR MEET-UPS**

4



**CONTINUOUS
LEARNING**



The ongoing, voluntary, and self-motivated pursuit of knowledge and skills throughout one's life

It can contribute to personal, professional, and intellectual improvement and helps to stay relevant.

**STAY UP-TO-DATE
WITH
TECHNOLOGICAL
ADVANCES**

**VISIT CONFERENCES
OR MEET-UPS**

**DO CERTIFICATIONS
AND APPLY
CONCEPTS**

4



**CONTINUOUS
LEARNING**



The ongoing, voluntary, and self-motivated pursuit of knowledge and skills throughout one's life

It can contribute to personal, professional, and intellectual improvement and helps to stay relevant.

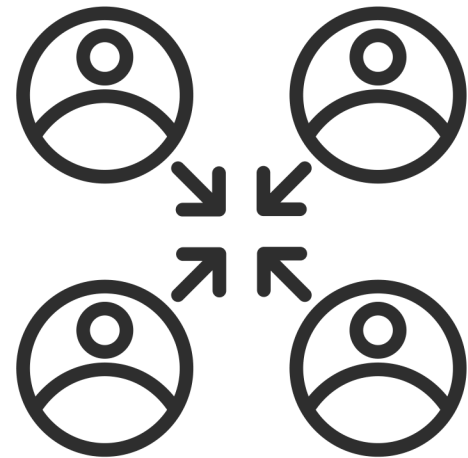
**STAY UP-TO-DATE
WITH
TECHNOLOGICAL
ADVANCES**

**VISIT CONFERENCES
OR MEET-UPS**

**DO CERTIFICATIONS
AND APPLY
CONCEPTS**

**ENGAGE IN
CONVERSATIONS
WITH LIKE-MINDED
PEOPLE**

5



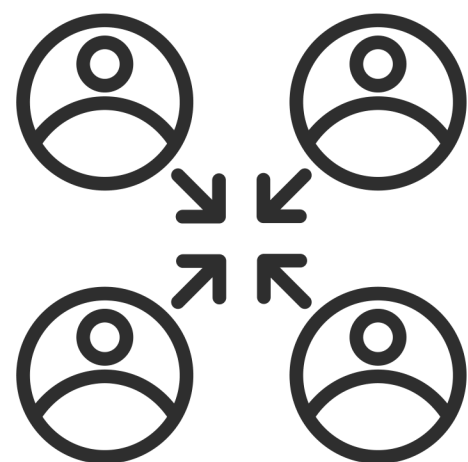
CROSS-FUNCTIONAL COMMUNICATION

The exchange of information, ideas, and feedback across different functional areas within an organization

It can promote a collaborative interconnected culture, facilitates complex problem-solving and ensures alignment.



5



**CROSS-FUNCTIONAL
COMMUNICATION**

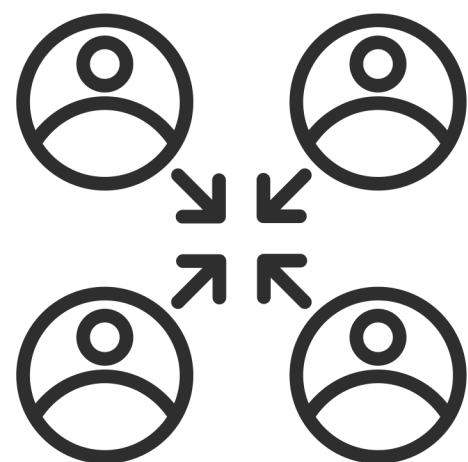


The exchange of information, ideas, and feedback across different functional areas within an organization

It can promote a collaborative interconnected culture, facilitates complex problem-solving and ensures alignment.

**ADAPT YOUR
COMMUNICATION
TO NON-TECHNICAL
AUDIENCE**

5



**CROSS-FUNCTIONAL
COMMUNICATION**



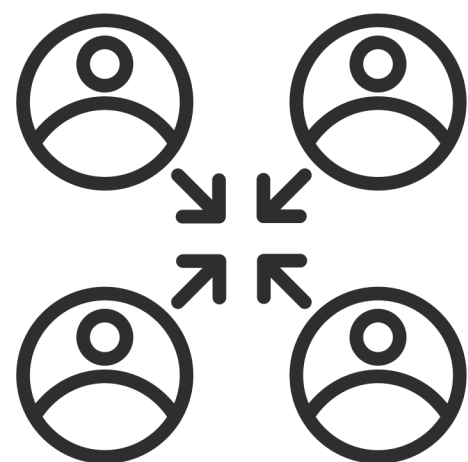
The exchange of information, ideas, and feedback across different functional areas within an organization

It can promote a collaborative interconnected culture, facilitates complex problem-solving and ensures alignment.

**ADAPT YOUR
COMMUNICATION
TO NON-TECHNICAL
AUDIENCE**

**INFLUENCE THE
WIDER
ORGANISATION**

5



**CROSS-FUNCTIONAL
COMMUNICATION**



**The exchange of
information, ideas, and
feedback across different
functional areas within an
organization**

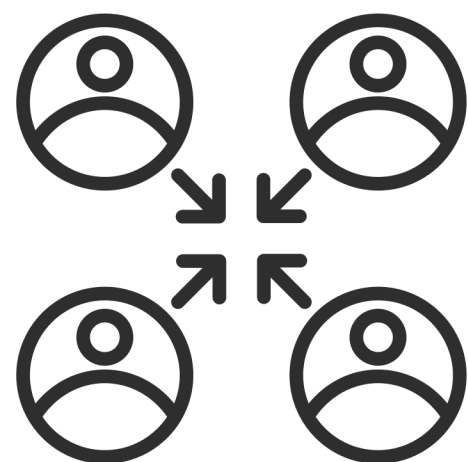
It can promote a collaborative interconnected culture, facilitates complex problem-solving and ensures alignment.

**ADAPT YOUR
COMMUNICATION
TO NON-TECHNICAL
AUDIENCE**

**INFLUENCE THE
WIDER
ORGANISATION**

**ADVOCATE FOR
ENGINEERING NEEDS**

5



**CROSS-FUNCTIONAL
COMMUNICATION**



The exchange of information, ideas, and feedback across different functional areas within an organization

It can promote a collaborative interconnected culture, facilitates complex problem-solving and ensures alignment.

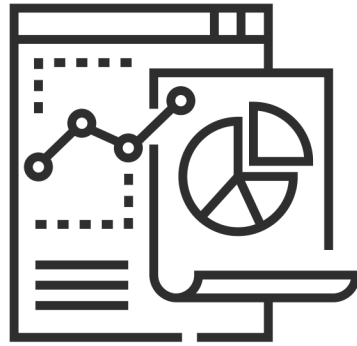
**ADAPT YOUR
COMMUNICATION
TO NON-TECHNICAL
AUDIENCE**

**INFLUENCE THE
WIDER
ORGANISATION**

**ADVOCATE FOR
ENGINEERING NEEDS**

**SHARE
KNOWLEDGE**

3



DATA-DRIVEN
DECISION-MAKING

4



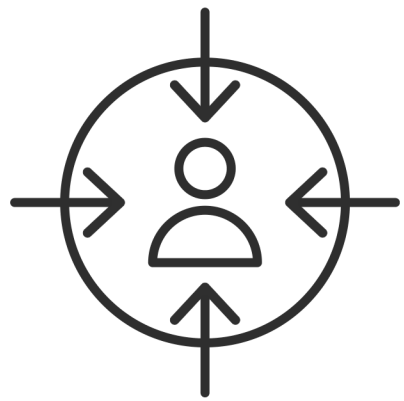
CONTINUOUS
LEARNING

2



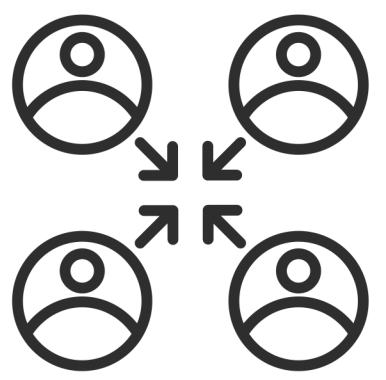
BUSINESS
ACUMEN

1



USER CENTRICITY

5



CROSS-FUNCTIONAL
COMMUNICATION



Let's take this toolbox to your teams!



STATUS-QUO

What skills have been mastered?



IMPROVEMENTS

What skills can be improved?



DAY-TO-DAY

How can skills be applied in the day-to-day?

Let's take this toolbox to your teams!



STATUS-QUO

What skills have been mastered?



IMPROVEMENTS

What skills can be improved?



DAY-TO-DAY

How can skills be applied in the day-to-day?

Thank you!

