Slide 1: The Power of Generative AI in SDLC (2 minutes)

- Greet the audience and introduce yourself
- Present the core message: With the assistance of generative AI, we can achieve a 30% efficiency gain across the path from business analysis to automation test scripts
- Highlight the impact of Generative AI on SDLC:
  - Streamlined user story generation
  - Automated test scenario creation
  - Efficient test case formulation
  - Rapid test script generation

Here's a dummy data table that you can use to create a bar chart in Excel:

SDLC Stage	Time Savings
Requirements Gathering	20%
User Story Creation	35%
Test Case Formulation	30%
Test Script Generation	40%

To create a bar chart in Excel using this data:

1. Open a new Excel worksheet and enter the data from the table above into two columns (A and B).
2. Select the data range, including the column headers.
3. Go to the "Insert" tab in the Excel ribbon and click on the "Insert Column or Bar Chart" button in the "Charts" group.
4. Choose the "2-D Column" chart type (or any other bar chart type you prefer) from the dropdown menu.
5. Excel will automatically generate a bar chart based on your data. You can customize the chart title, axis labels, colors, and other formatting options by right-clicking on the respective elements and selecting the appropriate options.
6. Adjust the chart size and position as needed by clicking and dragging the chart borders or corners.
7. You can further enhance the chart by adding data labels, gridlines, or a legend if desired. These options can be found in the "Chart Tools" contextual tabs that appear when the chart is selected.

With this dummy data and the step-by-step guide, you should be able to create a visually appealing bar chart in Excel to represent the time savings across various stages of the SDLC when using generative AI.

Slide 6: Quantifying the Benefits

Current SDLC Process:

Time spent on manual user story, test scenario, and test case creation

Delays due to inconsistencies and miscommunication

With Generative AI:

30% reduction in time spent on these tasks

Improved consistency and clarity in generated artifacts

Faster feedback loops and increased collaboration

Cost Savings:

BA and Tester unit rate: $8,000 USD

30% efficiency gain translates to $2,400 USD saved per BA/Tester

Assuming a team of 5 BAs and 5 Testers

Annual savings of $120,000 USD (5 × $2,400 USD × 10)

Slide 7: Roadmap to Success

MVP1: Core Functionality (30 Mar)

User story, test scenario, and test case generation

Automated test script creation

BA and Tester Pilot

MVP2: Enhanced Features (12 Apr)

Local project knowledge base integration

Context-aware assistance for BAs and Testers

Improved efficiency and accuracy

MVP3: Collaborative Ecosystem (26 Mar)

Chat-based modification interface

Seamless collaboration between BAs, Testers, and AI

Continuous improvement and adaptation

User Story: [Generated User Story]

1. Do you have any initial thoughts or comments on the generated user story?

[BA's response]

2. Is the user story clear and understandable? If not, what areas need clarification?

[BA's response]

3. Does the user story capture the key requirements and user perspective? If not, what's missing?

[BA's response]

4. Are there any additional details or scenarios that should be included in the user story?

[BA's response]

5. Can you provide any examples or context that would help illustrate the user story better?

[BA's response]

6. Are there any dependencies or relationships with other user stories that should be considered?

[BA's response]

7. Do you have any suggestions for improving the language or structure of the user story?

[BA's response]