



Power Apps Conditional Formatting Examples

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LAST UPDATED: 2022-11-05



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Introduction

With conditional formatting, we can use colors and symbols to explain the meaning of values in a Power Apps gallery. For example, we can make positive values the color green to show success. And make negative values the color red to signal a failure. Any type of formatting is possible once you learn to use IF statements. In this article I will show you how to perform conditional formatting in a Power Apps gallery.

I hope you enjoy this free eBook.



The Employee Training App

Workers at a construction company use the *Employee Training App* to take online courses and view their progress. The app uses conditional formatting to make it easy to identify a passing score vs. a failing score.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started
Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
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Employee Training		
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Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Setup The SharePoint List

Create a SharePoint list named *Employee Training* with the following columns:

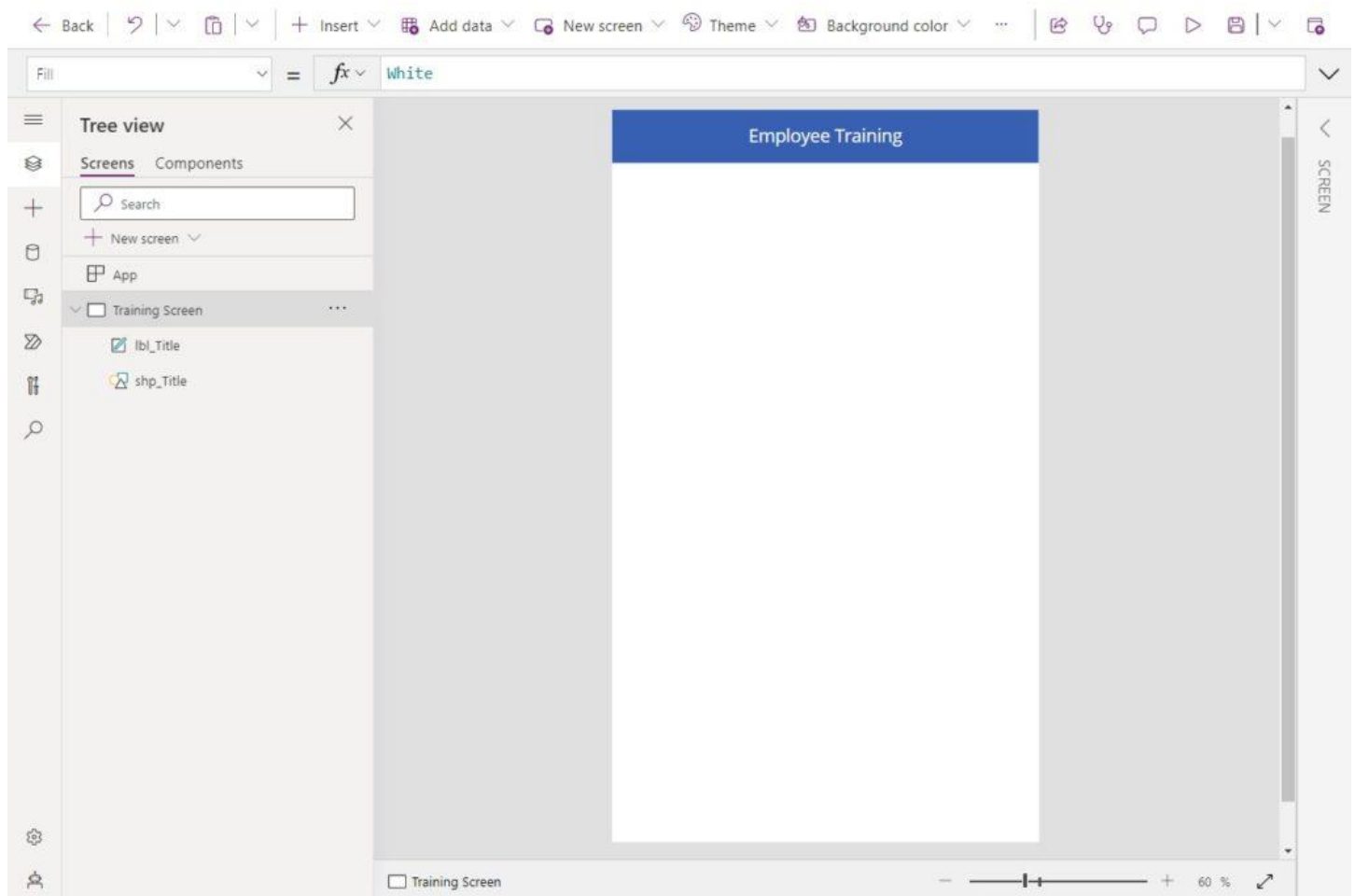
- Title - default column
- Employee - Person type
- Score - Number type
- Status - Choices type (Not-Started, In-Progress, Passed, Failed)

Add these items to the SharePoint list:

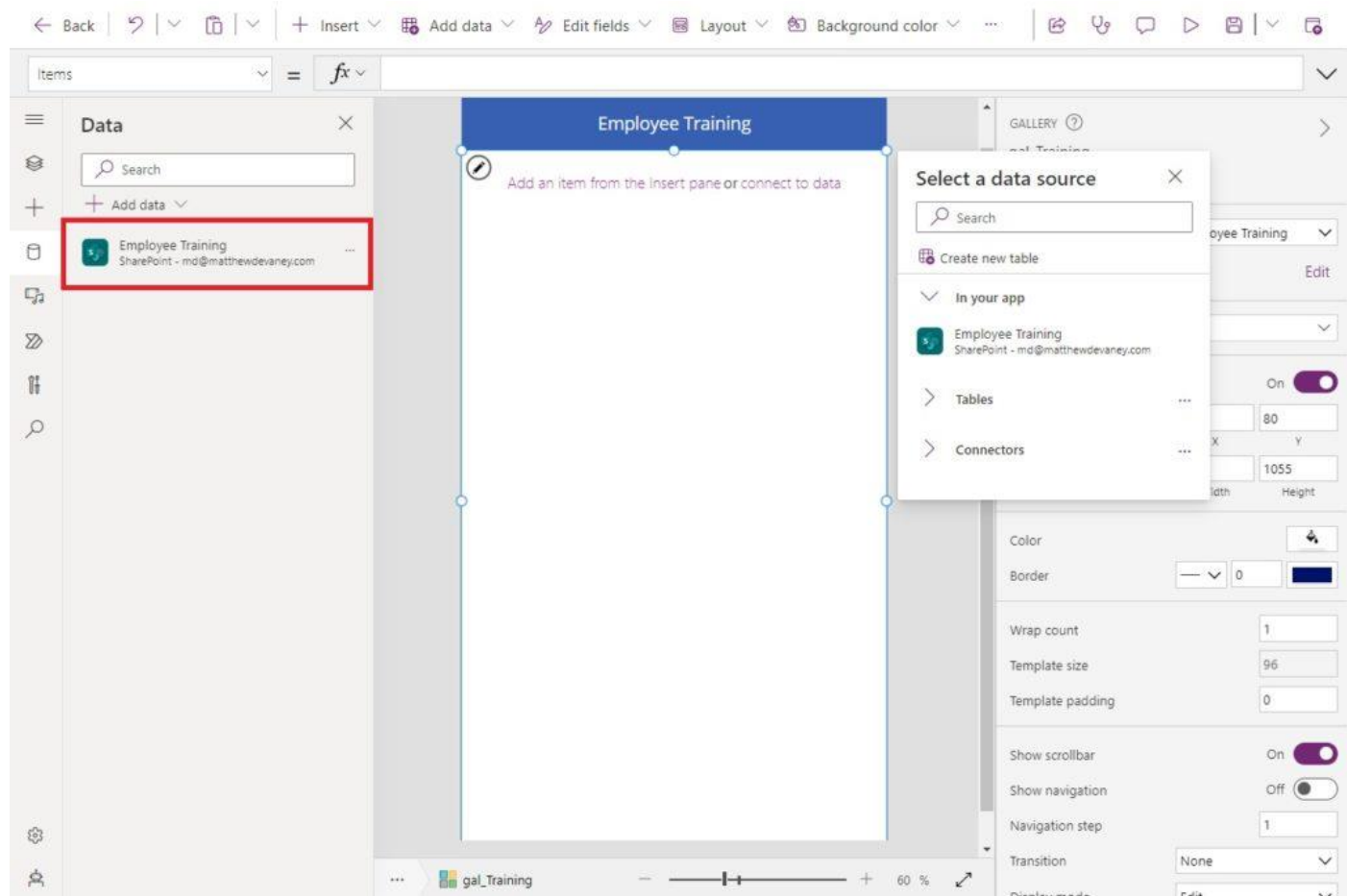
Title	Employee	Score	Status
Safety Training	Matthew Devaney	70	Passed
I/T Security Exam	Matthew Devaney	95	Passed
Ethics & Fraud Training	Matthew Devaney	35	Failed
Job Skills Assessment	Matthew Devaney	80	Passed
Diversity Training	Matthew Devaney		In-Progress
Forklift Certification	Matthew Devaney		Not Started

Create A New App With A Gallery

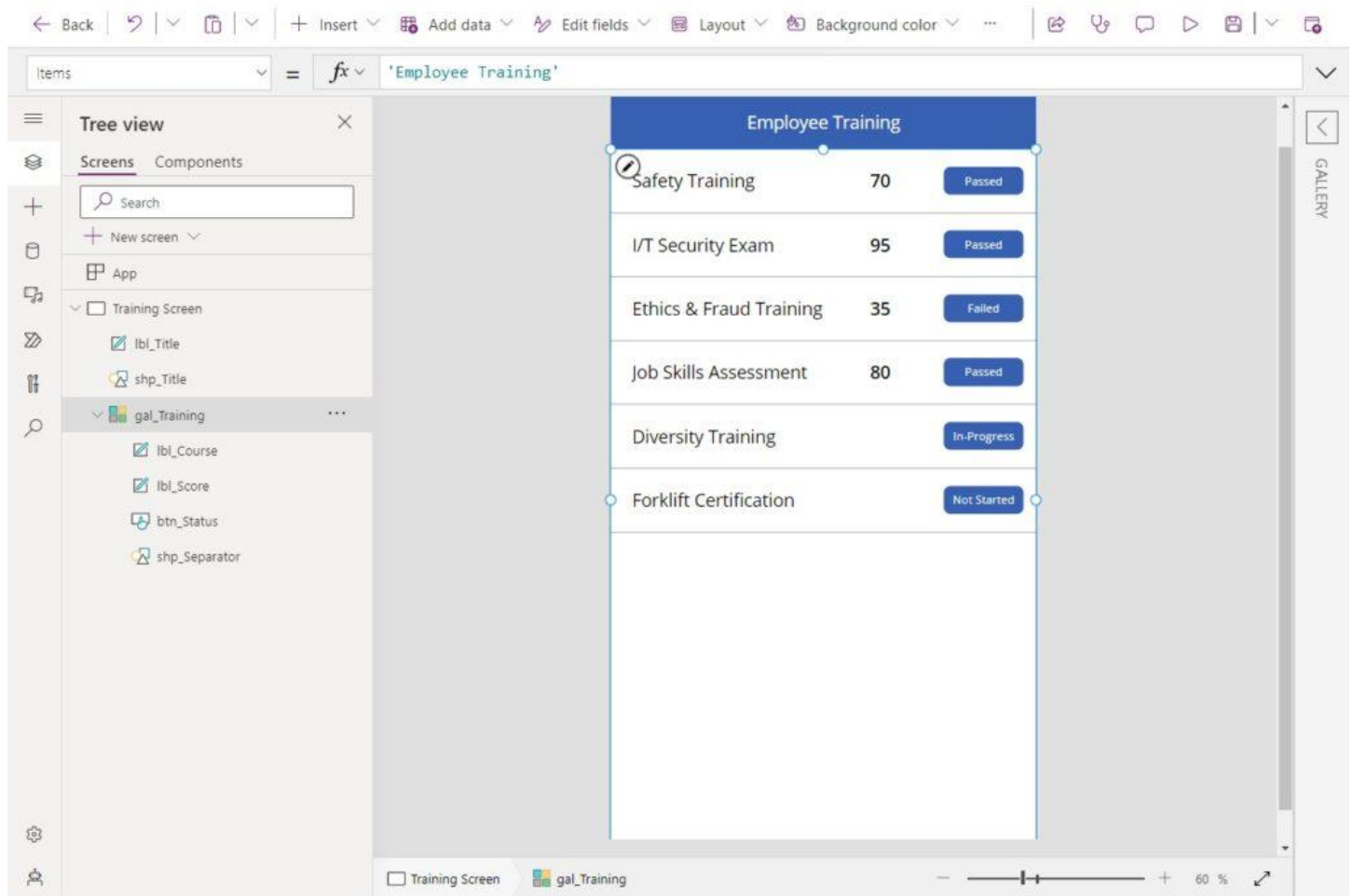
Open Power Apps Studio and create a new phone app from blank. Insert a blue rectangle shape at the top of the screen and place a label with the words "Employee Training" over top of it.



Add a connection to the *Employee Training* SharePoint list. Then insert a gallery and select the Employee Training SharePoint list as the datasource.



Place two new labels and a button into the gallery to show the Title, Score and the Status of each *Employee Training* record.



Use this code in the Text property of the controls

```
ThisItem.Title //lbl_Title  
ThisItem.Score // lbl_Score  
ThisItem.Status.Value //lbl_Status
```


Conditional Formatting With Text Criteria Examples

The following examples show how to perform conditional formatting using text values in the criteria.

Formatting A Single Text Value

Give the status button a green fill when Status equals "Passed"

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Fill* property of the btn_Status.

```
If(ThisItem.Status.Value="Passed", Green, RGBA(56, 96, 178, 1))
```

Formatting Multiple Text Values

Make the status button green when Status equals Passed, red when Status equals Failed, yellow when Status equals In-Progress and gray when Status equals Not Started.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Fill* property of the btn_Status.

```
If (
    ThisItem.Status.Value="Passed",
    Green,
    ThisItem.Status.Value="Failed",
    DarkRed,
    ThisItem.Status.Value="In-Progress",
    GoldenRod,
    ThisItem.Status.Value="Not Started",
    Gray
)
```

Conditional Filtering With Number Criteria Examples

The following examples show how to perform conditional formatting using number values as the criteria.

Formatting With A Single Number Criteria

Color any training scores less than 50 red.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Color* property of lbl_Scores.

```
If(ThisItem.Score < 50, Red, Black)
```

Formatting With Two Number Criteria

Show any training scores greater than or equal to 50 as green and any numbers less than 50 red.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Color* property of lbl_Score.

```
If(ThisItem.Score >= 50, Green, Red)
```

Formatting With Many Number Criteria

Make the score text green when Status is greater than or equal to 80, yellow when the Score is equal or greater than 50 or red when the Score is less than 50.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Color* property of lbl_Score.

```
If (
    ThisItem.Score >= 80,
    Green, ThisItem.Score >= 50,
    GoldenRod, Red
)
```

Conditional Filtering With Gallery Row Colors

Highlight a gallery row with the color yellow when a Score is less than 50.

Employee Training		
Safety Training	70	Passed
I/T Security Exam	95	Passed
Ethics & Fraud Training	35	Failed
Job Skills Assessment	80	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *TemplateFill* property of the Gallery.





```
If(ThisItem.Status.Value="Failed", PaleGoldenRod, Transparent)
```

Conditional Filtering With Emojis

The following examples show how to do conditional formatting using Emojis.

Formatting With Checks And Xs Emojis

When a Score is greater than or equal to 50 show a  emoji and display a  when a Score is less than 50.

Employee Training		
Safety Training		Passed
I/T Security Exam		Passed
Ethics & Fraud Training		Failed
Job Skills Assessment		Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Text* property of lbl_Score. To access the emoji menu in Windows press the hotkey combination [Windows Key] [Period].

```

If (
    ThisItem.Status.Value = "Passed",
    "✅",
    ThisItem.Status.Value = "Failed",
    "❌"
)

```

Formatting With Happy And Sad Face Emojis

Display a 😊 emoji when a Score is greater than or equal to 50 and show a 😞 emoji when a Score is less than 50.

Employee Training		
Safety Training	😊	Passed
I/T Security Exam	😊	Passed
Ethics & Fraud Training	😞	Failed
Job Skills Assessment	😊	Passed
Diversity Training		In-Progress
Forklift Certification		Not Started

Use this code in the *Text* property of lbl_Score. To access the emoji menu in Windows press the hotkey combination [Windows Key] [Period].

```
If (
    ThisItem.Status.Value = "Passed",
    "😊",
    ThisItem.Status.Value = "Failed",
    "😞"
)
```