



# ENGAGE 2019

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# Taking Formulas to the Next Level

**Cornelius O'Connor**  
Success Manager





# Make a friend!

# Agenda

Control & automate your sheets

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Compartmentalize & Protect Data

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Demystify INDEX / MATCH vs VLOOKUP

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“I can give you a six-word formula for success:  
Think things through — then follow through.”

— *Eddie Rickenbacker*

# Control and automate

## Formatting

- IF
- ANCESTORS

## Reports

- JOIN

## Health (RYG Ball)

- IF

# Parent or child health formula

IF the condition below is met:

```
=IF(COUNT(CHILDREN(Task@row)) > 0,
```

Then, apply this formula to the parent row:

```
IF((COUNTIF(CHILDREN(), "Yellow") + (COUNTIF(CHILDREN(), "Green") * 2)) / COUNT(CHILDREN()) <= 0.5, "Red",  
IF((COUNTIF(CHILDREN(), "Yellow") + (COUNTIF(CHILDREN(), "Green") * 2)) / COUNT(CHILDREN()) <= 1.5, "Yellow",  
IF((COUNTIF(CHILDREN(), "Yellow") + (COUNTIF(CHILDREN(), "Green") * 2)) / COUNT(CHILDREN()) <= 2.5, "Green"))),
```

If not, apply this formula to the identified child row:

```
IF(Status@row = "Complete", "Green", IF(AND(Status@row = "Not Started", Date@row > TODAY()), "Blue", IF(AND(Status@row = "Not  
Started", Date@row < TODAY()), "Red", "Yellow"))))
```



# Compartmentalize, protect, show!

## Metric sheet

- Cross-sheet formulas
  - DISTINCT
  - AVERAGEIF
  - SUMIFS
    - ISDATE
    - MONTH
    - @cell

## Dashboard

- Real time insights for everyone
- No more copy pasting to a slideshow!

“I eat INDEX/MATCH and VLOOKUP  
formulas for breakfast!”

– *All of you after ENGAGE*

# Let's compare....

What's the difference?

- INDEX & MATCH
- VLOOKUP

# How to keep learning...

- [Center of Excellence](#)
- [Pro Desk](#)
- [Help Center](#)
- [Community](#)
- [Certification](#)
- [Formula sheet in your account](#)
  - Found in the Solution Center



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