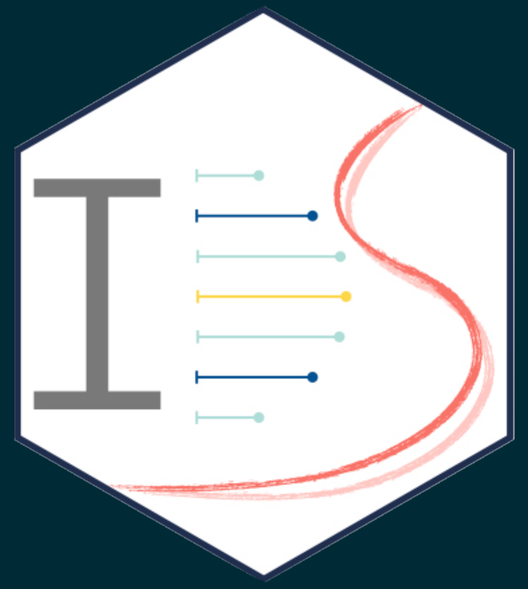
keeping up with



Week 10

Week 9 - Classification & model building

No.	Title	YouTube	MediaHopper	Slides	Length
1	Keeping up with IDS: Week 9				
2	Logistic regression				9:10
3	Prediction and overfitting				19:29
4	Feature engineering				28:22
					30:07

Code-along

You can find starter code for this session on RStudio Cloud, in the project titled *Code Along 09 - Hotel bookings*.

Recording		
Session artifacts	`.Rmd`	`.md`

Quiz recap - R-squared

Fill in the blank: Adding a non-useful predictor to a model ____ R-squared.

- (•) increases ✓
- ( ) decreases ✗
- ( ) doesn't change ✗

Correct!

Quiz recap - correlation coefficient

True or False: If the correlation coefficient between two variables is 0 ($r = 0$), the variables can still be related to each other.

- (•) True ✓
- ( ) False ✗

Correct!

Week 10 - Model validation & estimation

- Cross validation for evaluating model performance
- Bootstrapping for uncertainty quantification

Projects

- Review peer feedback
- Set team meetings and regular check-ins
- Come to student hours & code along with questions!