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## Teaching Data Science while Solving Real World Problems

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# Faculty Benefits

Learn

- Best Practices for Mentoring Student's Projects

Practice

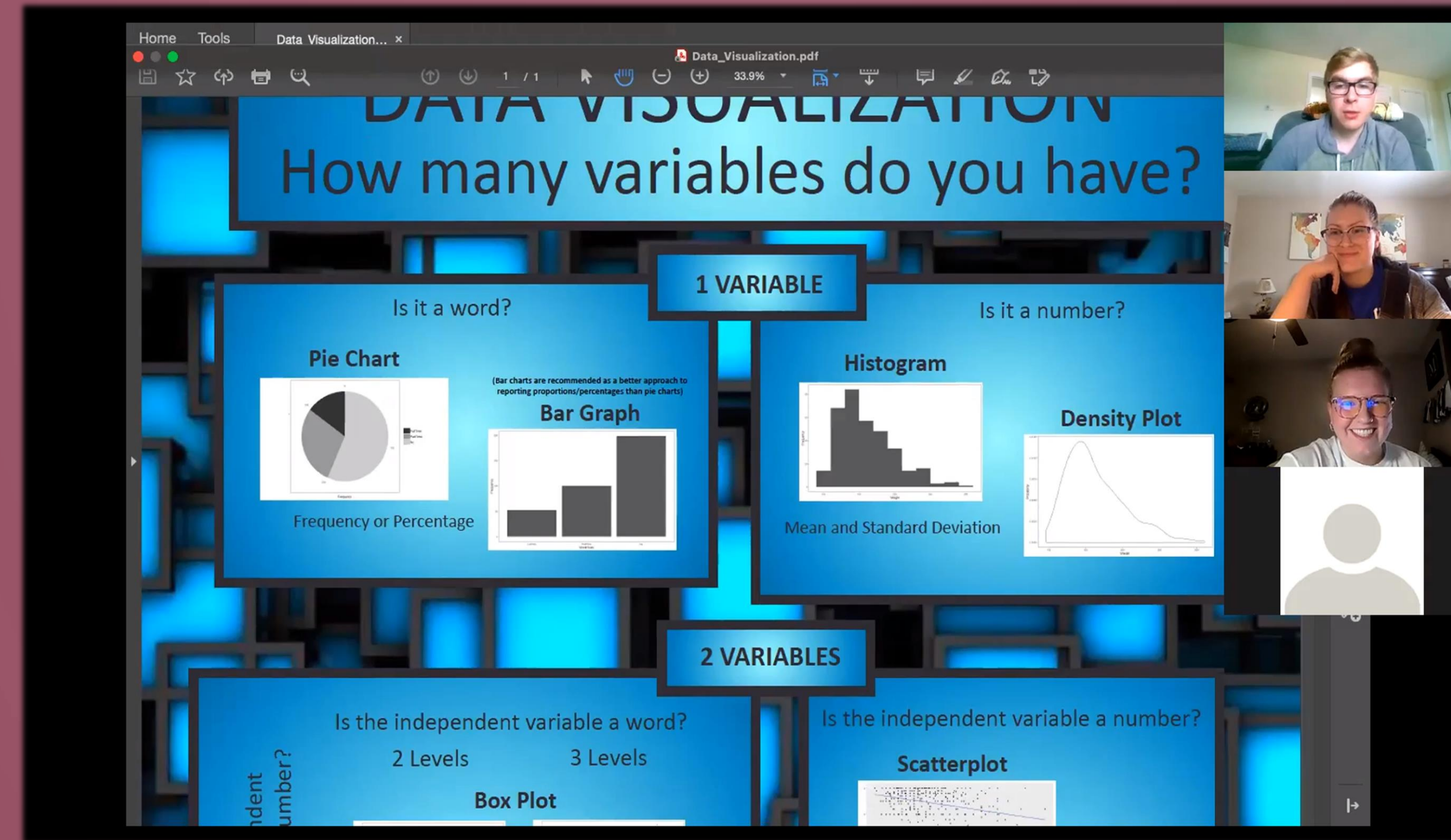
- Training Students with Real Projects

Teach

- Consult with Students and other Faculty

# Data Initiatives

Evan Charles, Sara Incera Ph.D, Jim Fatzinger Ph.D, Matthew Winslow, Ph.D



“Experience became the best teacher.”

“We were always able to find a solution and share amongst each other.”

“It’s been such an amazing experience and so rewarding.”

“My confidence with the software has soared.”

# Student Benefits

Learn

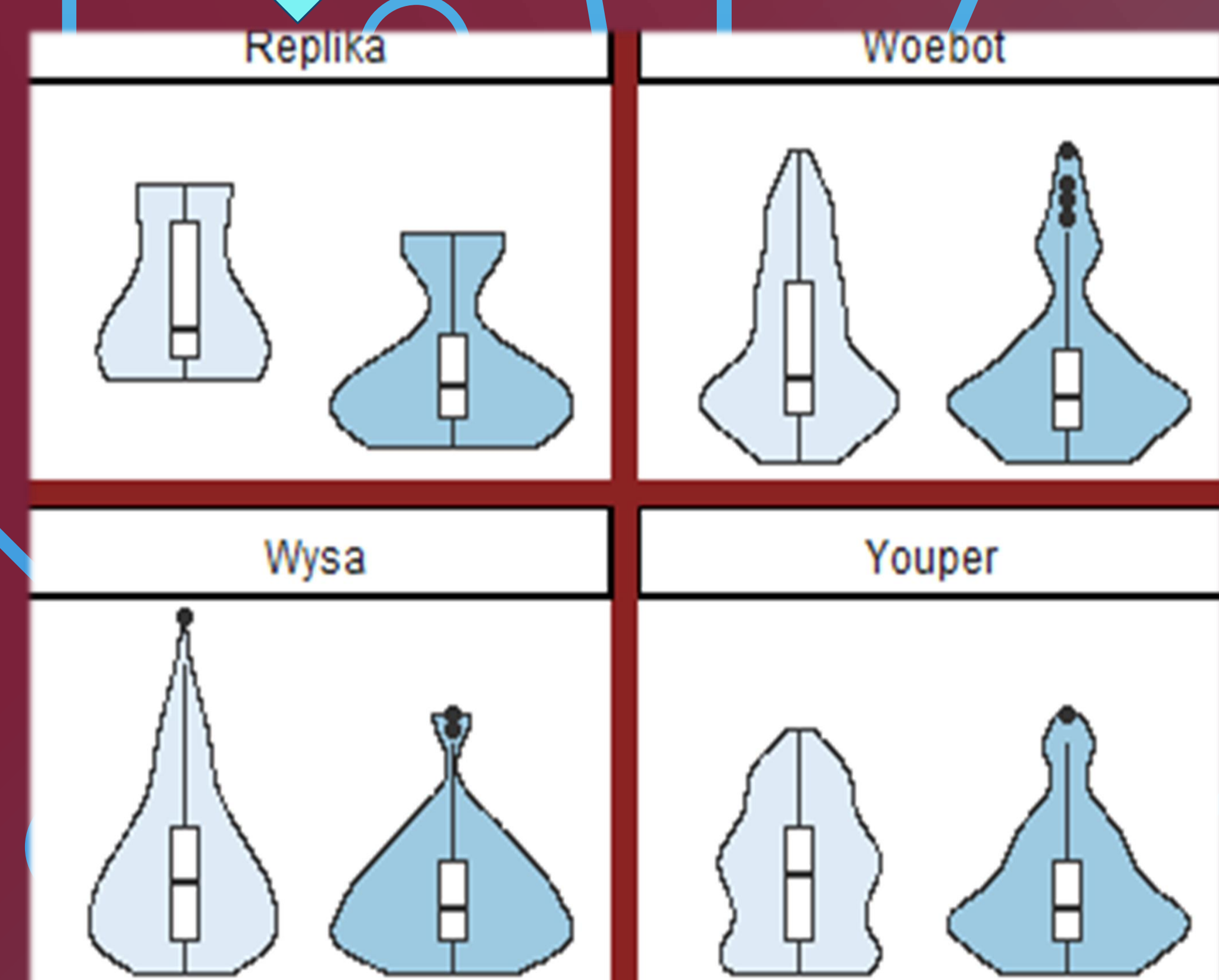
- Students learn R and RStudio

Practice

- Students Complete Research Projects

Teach

- Senior Students mentor Junior Students



```

310 # Or run this code if your dataset is in the same working
311 # directory as the notebook.
312
313 [r]
314 Final <- read.csv("Final.csv")
315 Final <- Final %>% drop_na()
316
317
318 [r]
319 Final$Intervention <- as.factor(Final$Intervention)
320 Final$Intervention <- relevel(Final$Intervention, "Before")
321 Final$Intervention <- relevel(Final$Intervention, "After")
322 Final$Anxiety <- as.numeric(Final$Anxiety)
323 Final$Depression <- as.numeric(Final$Depression)
324 glimpse(Final)
325

```

