



clin**data**TM

Knowing your Programmers

Raymond Pretorius, Cherise Vorster

Introduction

Meet Susan

Susan started working for the company and through the years, fell in love with outputs. She has a passion for output planning, output creation, finding innovative ways to display the data in a meaningful way.



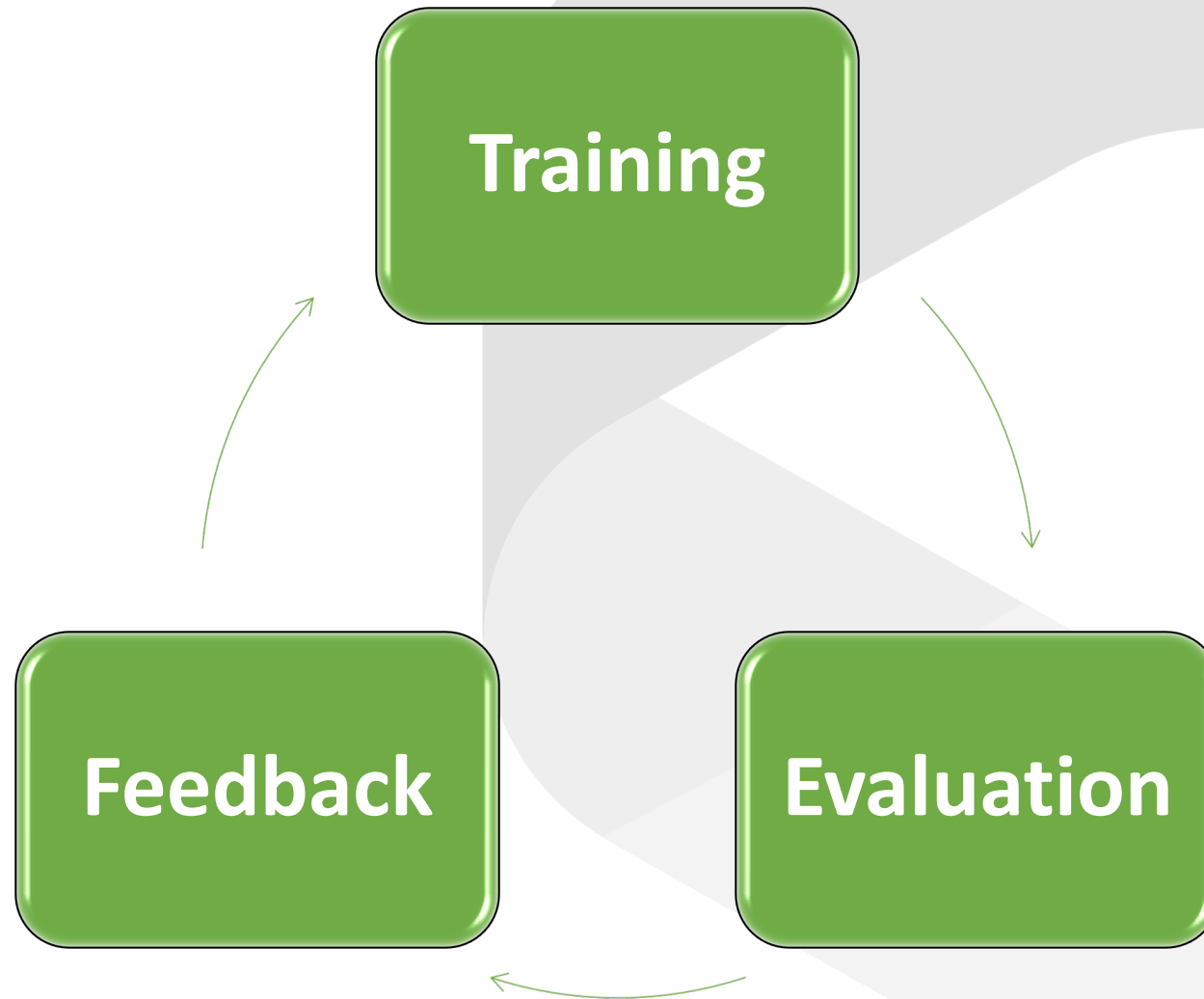
Meet Dave

Dave started working for the company and his main focus is SDTM and ADaM datasets

He loves CDISC and he is a walking IG



Where did they start?



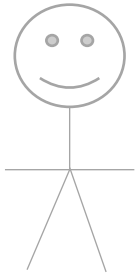
Common traits of a good stats programmer

- Understanding your clinical trial (protocol)
- Understanding your data (traceability, source to report)
- Robust / defensive programming (works for all cases)
 - if gender = “M” then agender = “Male”;
 - else if gender = “F” then agender = “Female”;
 - else PUT “CHECK GENDER”
- Efficient and Effective code
 - Readable (easy to follow logic)
 - Re-usable (can be used more than once with different data)
 - Easy to update
- Curious and Questioning (challenge data, specs, shells)
- Not afraid to take on challenges
- Putting quality first – no safety nets

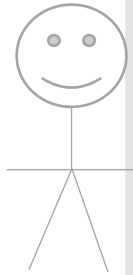


Individual traits and overcoming hurdles

DAVE



SUSAN

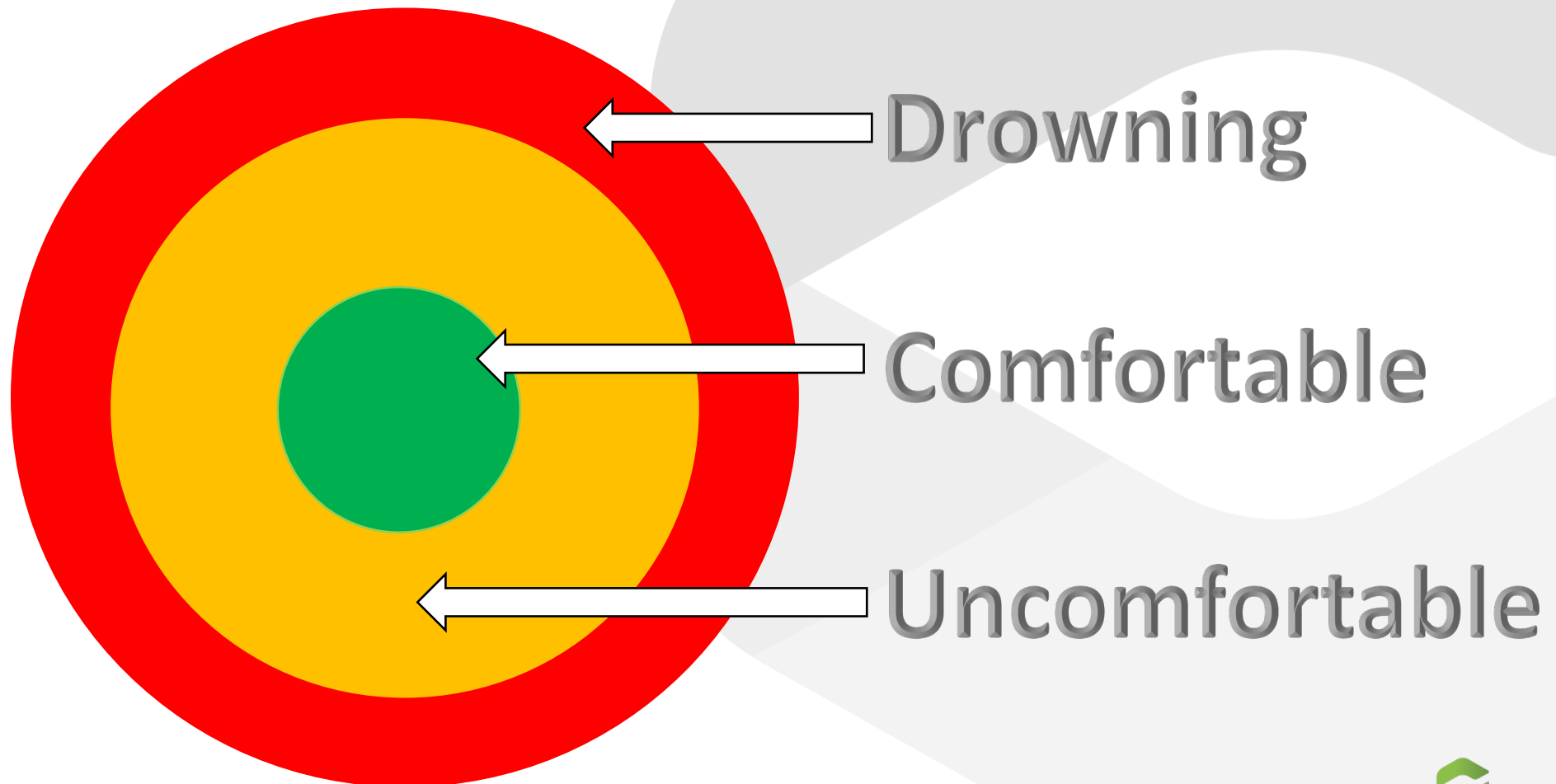


Individual personalities
Individual programming styles

- *Timelines*
- *Workload*
- *Availability*
- *Complexity*



Culture of development



Conclusion

WHO ARE YOU??



Thank you for the opportunity



Q&A

