



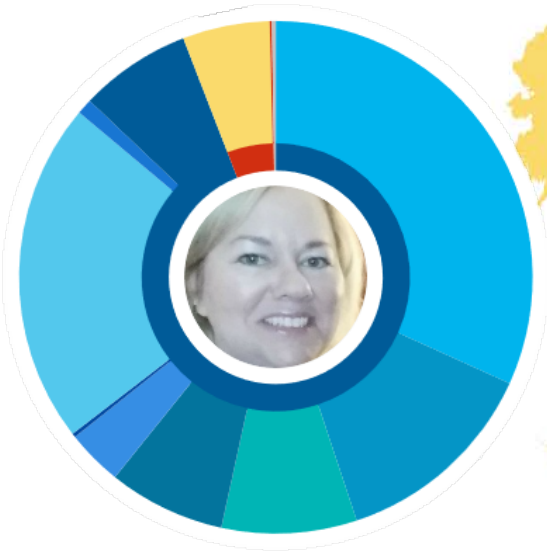
## **Preparing the Way for Rapid Innovation – 2019 ASMC Aviation Chapter Mini PDI**

*Defense Finance and Accounting Service*

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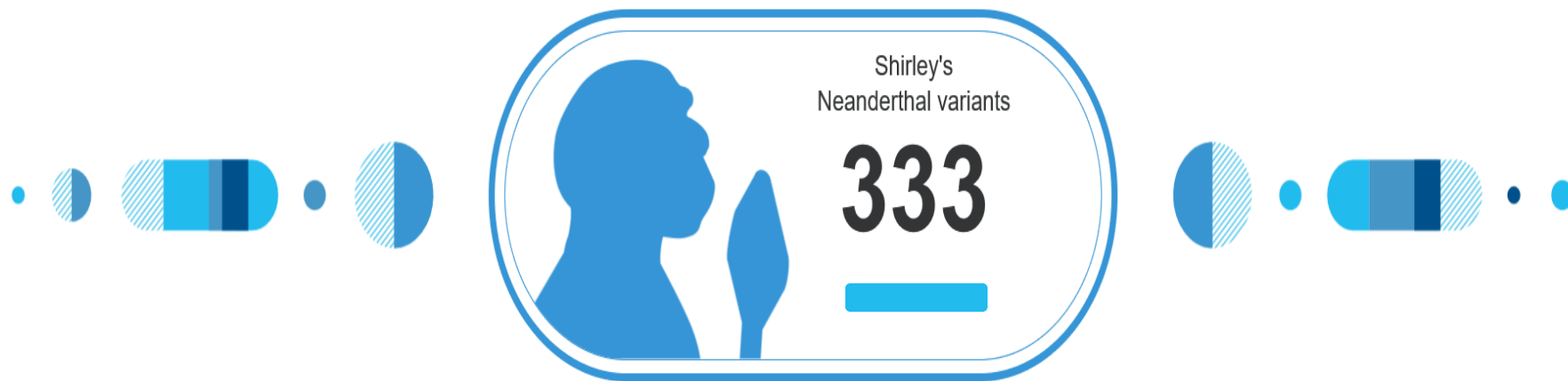
# Getting to Really Know Me



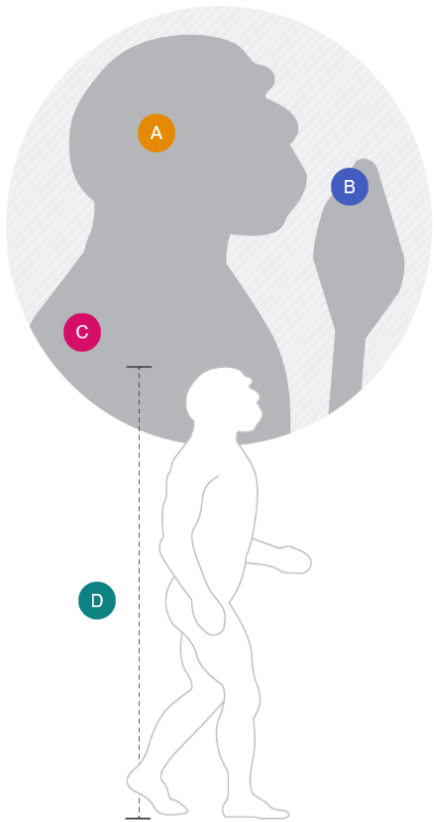
## Neanderthal Ancestry

Neanderthals were ancient humans who interbred with modern humans before becoming extinct 40,000 years ago. This report tells you how much of your ancestry can be traced back to Neanderthals.

You have 333 Neanderthal variants.



**MORE VARIANTS THAN 99% of EST 13,000,000 PARTICIPANTS**



Variant(s) found

A Straight hair

You have 0 Neanderthal variants associated with having straighter hair.

0

B Less likely to sneeze after eating dark chocolate

You have 0 Neanderthal variants associated with a reduced tendency to sneeze after eating dark chocolate.

0


C Less back hair

You have 0 Neanderthal variants associated with having less back hair.

0

D **HEIGHT – YOU HAVE ONE VARIANT ASSOCIATED WITH YOUR HEIGHT**



Marker Tested	Genotype*	Additional Information	
rs1877547 Gene: LPP Trait: Height	G Human copy from one of your parents		A Neanderthal copy from your other parent  ^ <b>Biological explanation</b> The variant tested is a change from a G to an A in a DNA sequence in the LPP gene. Each copy of a A at this position is associated with being about <b>0.1 inches taller</b> than average.



- ▶ **Transactional Leaders** tend to over-rely on their authority as a means to get followers to perform. Tell you what to do, using reward and punishment as their main leadership tools
- ▶ **Servant Leaders** principal philosophy is the goal of the leader is to serve with empathy, awareness, and engagement - to create enriched lives/better organizations
- ▶ **Transformational Leaders** create a vision to guide change through inspirational motivation, intellectual stimulation, and idealized influence

Technology will revolutionize our business and mission effectiveness. We must have transformational leadership to pave the way for these advances!

# Roadmap to Change



"If you always do what you've always done,  
you'll always get what you've always got"  
—Henry Ford

Vision

Artificial  
Intelligence

Power of  
Innovation  
Accelerates

Data  
Analytics

Robotic  
Process  
Automation



- ▶ A process of inspecting, cleansing, transforming, and modeling data with the goal of discovering useful information, informing conclusions, and supporting decision-making.



Shell used data analytics to build a platform to run predictive models, anticipating when more than 3K oil drilling machines might fail. As a result of data analytics, they reduced their inventory analysis from 48 hours to 45 minutes, shaving millions of dollars off their cost of moving and reallocating inventory.



# People Priority Data Analytics Initiative



## ► Established strategic initiative in FY19 under the People Priority

- ✓ *FY19 Goal: Identified target population and soft skill sets to address data analytics skill gaps*

## ► Work accomplished

- ✓ Defined Critical Skillsets (21) and Proficiency levels (3)
- ✓ Defined Target Population (145) across 6 Sites
- ✓ Reviewed over 100 active courses currently available to DFAS employees (Resident & Online) related to critical skillsets for relevance and potential future use
  - 60 are relevant to Data Analytics
- ✓ Conducted skills assessment of target population (130) by Supervisors (74)

## ► Next steps...

- ✓ Identify nature of potential skills gap
- ✓ Identify and implement potential gap-closure strategies

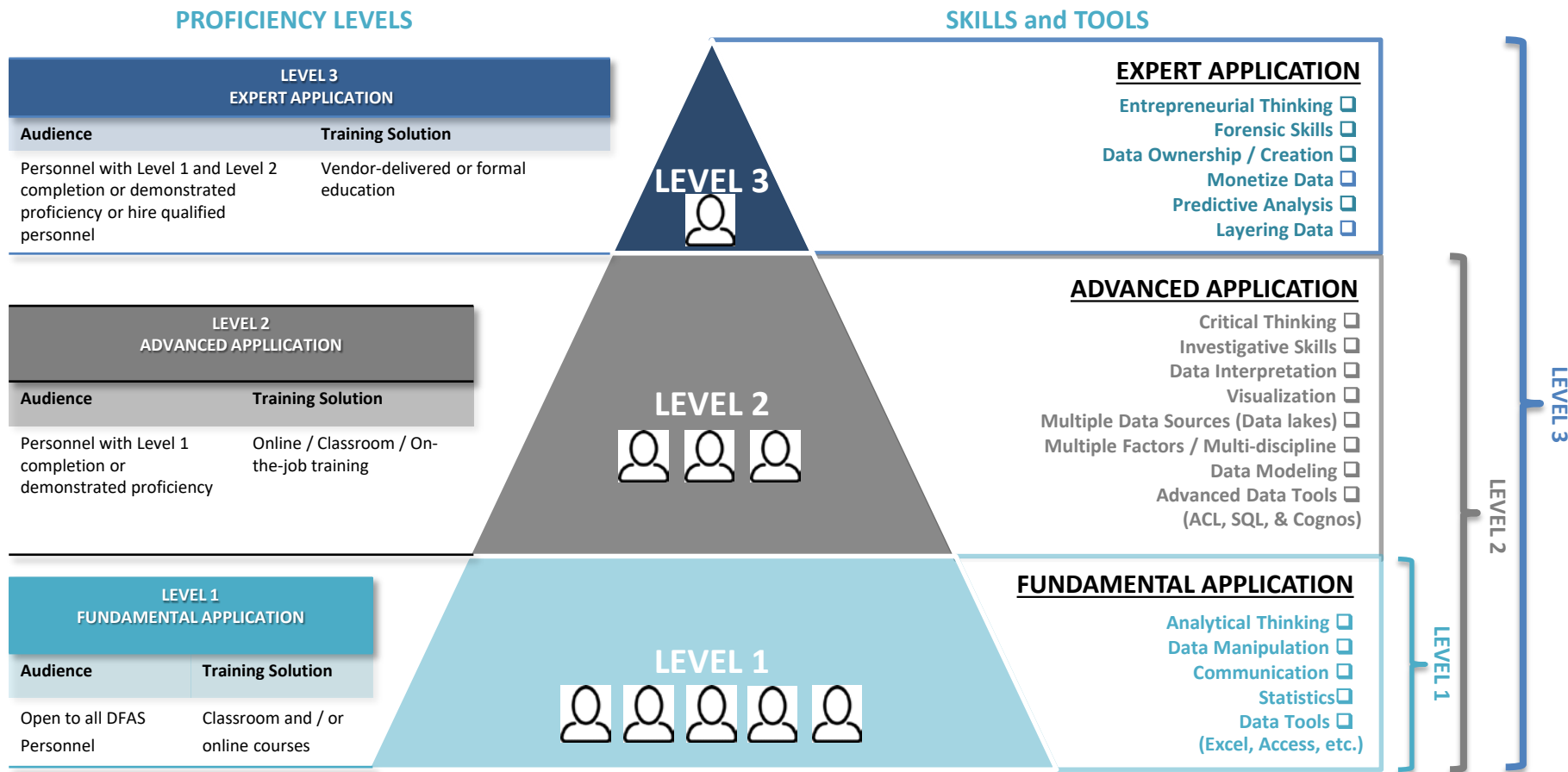




# Developing Data Analysts



## Roadmap for Developing Data Analysts



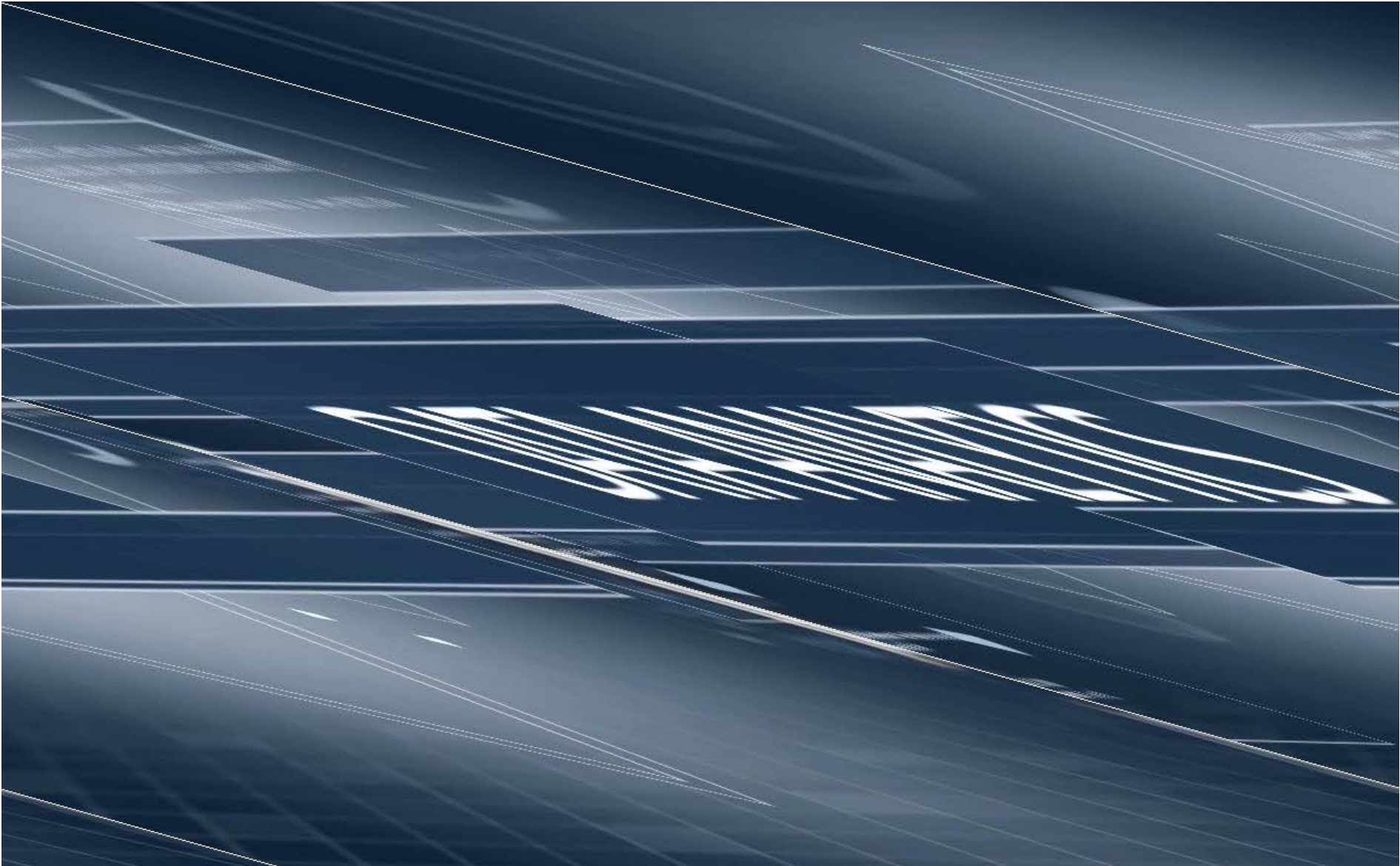




**CANCELLED**

- ▶ The Data Analytics Program Office at DFAS Columbus seeks to use analytics and dashboard visualization software to increase visibility and awareness of cancelling funds balances throughout the department.
- ▶ The designed dashboard views show current cancelling funds balances, how those balances change over time, and ways to pinpoint top contributors to cancelling funds balances.
- ▶ As with all of the dashboards, the views allow you to drill-down and filter to see a particular subset of data.







- ▶ Pilot will focus on developing a solution to research systems to identify the customer and associated line of accounting (LOA).
- ▶ The front-end identification will greatly reduce the number of collections that are placed in Treasury Suspense, as well as increasing the productivity and efficiency of the workforce.







# Questions?

