

# EPI Workgroup- ASU SOR

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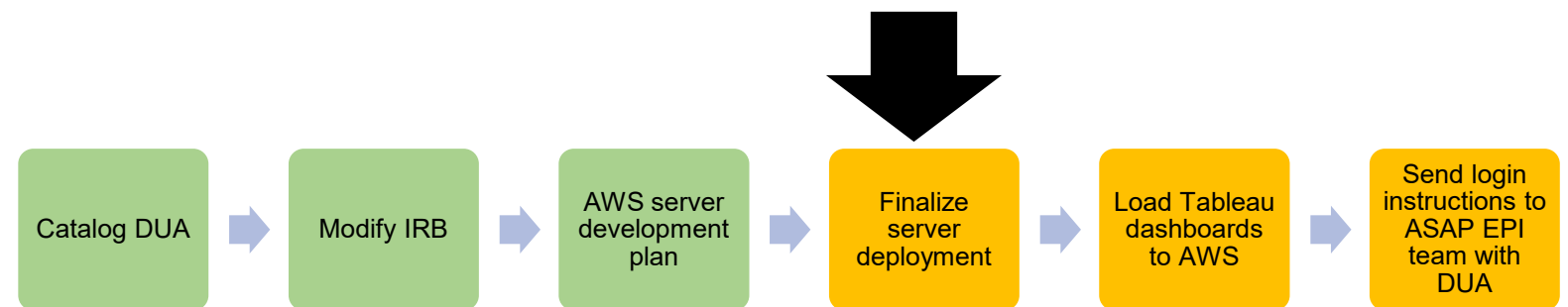
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# Outline

- SOR Detailed Dashboard for EPI workgroup
- Balance of state non-fatal overdose analysis, mortality analysis
- Honor Health Informatics Fellow research
  - Measuring intensity of MAT care
- Deploy System Dynamics model as an application

# SOR Dashboard for EPI workgroup

- AHCCS data
  - Time trends, overdoses, diagnosis, treatment, demographics, geography, polysubstance & combinations
- In progress
  - Treatment retention, intensity of treatment
- Prescribing patterns before, during, after
- Comorbidities

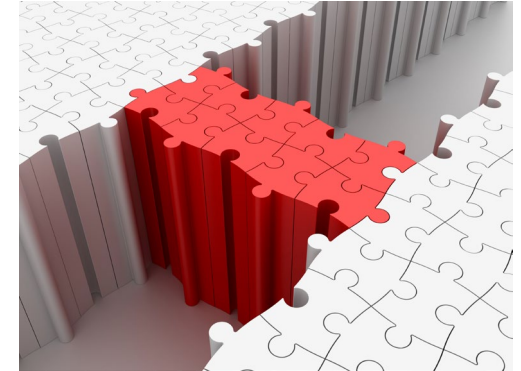


# Balance of state non-fatal overdose analysis, mortality analysis

- ADHS approvals in progress
- Software ready
- Next steps
  - Lab data-fentanyl screening
  - Notes-NLP
  - County interfaces

# Research with Honor Health Clinical Informatics Fellows

- Distance to treatment analysis
  - Dr. Sanah Ali
- Urine screening and other testing analysis
  - Dr. Ali Ali
- Both analyses contribute to
  - Measuring intensity of care
  - Structuring data for training AI and simulation models



# Pathways to Addiction Model

- Pathways to Addiction is a System Dynamics Model
- What if simulation and prevalence dynamic modeling
- Deploy as application

