BUSINESS INTELLIGENCE ADVISORY COMMITTEE

APRIL 8, 2020

Agenda

- **Introduction**
  Andrea Pluckebaum

- **Update on new BI Strategic Priorities Committee**
  Cherise Hall

- **Vision & BICC Tech Roadmap**
  Ethan Durda

- **Women in Data Science Tableau Presentation Briefing**
  Molly Amstutz

- **Data Community Check-in**
  All

UPDATE ON NEW BI STRATEGIC PRIORITIES COMMITTEE

CHERISE HALL

PURDUE UNIVERSITY

BI Advisory Committee

April 8, 2020

Recharter and reinvigorate!

- Previous name: BI Strategic Priorities Committee

- New Name : IDA+A and BI Strategic Priorities Committee
    Rita Clifford, IT Enterprise Solutions
    Ethan Durda, BICC
    James Johnson, IDA+A
    Sarah Bauer, IDA+A
    Cherise Hall, Provost Office/IDA+A
    Kris Wong-Davis, EMAR
    Stephanie Willis, SPS
    Andrew Bean, FP&A
    Eva Nodine, FP&A
    Dave Robledo, Engineering
    Andrea Pluckebaum, Management
    Dave Krull, Human Resources
    Amanda Carlson, Administrative Operations

Mission

The IDA+A & BI Strategic Priorities Committee is a cross-functional team empowered by the institution to develop and coordinate a comprehensive plan and strategy around data and analytics. This will include data governance, technology, standards, and processes associated with Purdue data, its usage, and distribution.

- Develop a degree of coordination, while maintaining the distributed model of development.

- Improve coordination across teams concerning direction and use of sub-committees.

- Consider and define data as an asset to be used and maximized across Purdue.

- Clarify direction setting, communication, and task management channels.

RECOMMENDATION

- IDA+A will continue to house Data Governance and hold the responsibility of Chief Data Officer
- Each member of the IDA+A & BI Strategic Priorities Committee will be "part-owner" of the Chief Data Officer function

IDA+A & BI Strategic Priorities Authority

- Sets direction across all data, tools, technology, and processes.

- Approves and supports committee action.

- Enforces behavior and helps address non-compliance.

- Reviews projects and initiatives for value propositions and provides prioritization support when needed.

Next steps

- IDA+A evaluate and document current landscape of data committees and teams.

- Review Training committee's recommendations and take action

- Share priorities from each area with the IDA+A and BI Strategic Priorities Committee to identify gaps and areas of overlap

Data Training - Survey
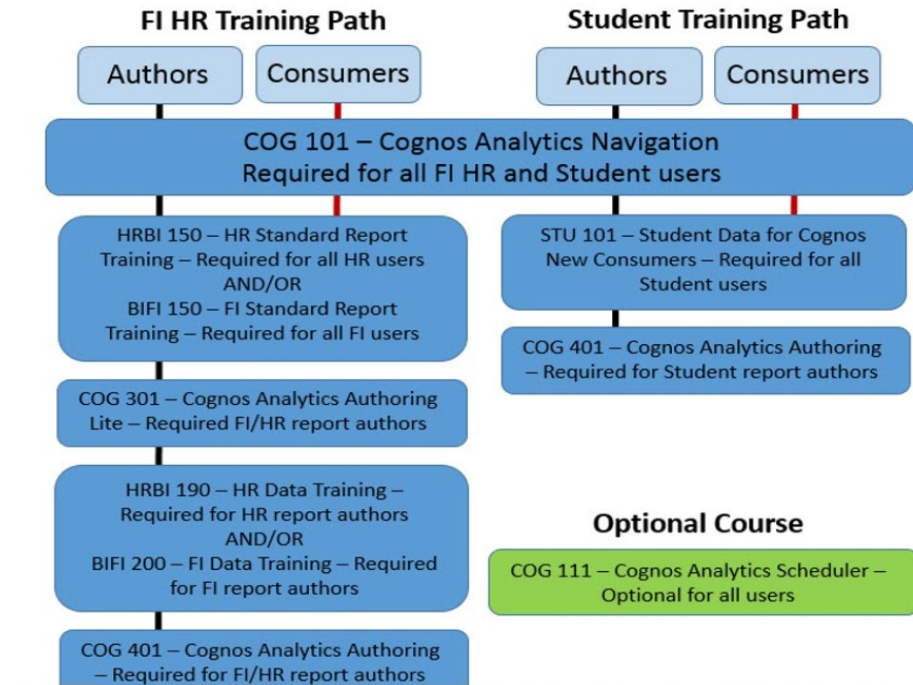
Recommendations from Nov/Dec 2019 Survey

- Conduct Standard Report Training for Report Runners
- Conduct Training on Student and Financial Data
- Conduct Training on Data Digest/Management Dashboards
- Add How-to-Documentation, consider Cookbook
- Create a Central Location for all Training Resources

Training

- **Use SuccessFactors Learn for all data (tool) training**
  - **Create Standard Naming Conventions for data courses, showcases**
  - **Discuss recording attendance in SuccessFactors**

- **Determine <u>primary</u>:**
  - **Data (tool) training needs**
  - **Audiences**
  - **Resources needed**

- **Develop a Communication Plan re: Data Training Opportunities**

- **Develop Training Paths based on Area**
  - **Build upon what was previously done**
  - **Determine how granular (position-level?) needs to be**

Training

Suggested Training Path Based on Area

Please remember to check with your supervisor to clarify which path you should follow for training.

FI HR Training Path

Authors	Consumers

COG 101 – Cognos Analytics Navigation
Required for all FI HR and Student users

HRBI 150 – HR Standard Report Training – Required for all HR users
AND/OR
BIFI 150 – FI Standard Report Training – Required for all FI users

COG 301 – Cognos Analytics Authoring Lite – Required FI/HR report authors

HRBI 190 – HR Data Training – Required for HR report authors
AND/OR
BIFI 200 – FI Data Training – Required for FI report authors

COG 401 – Cognos Analytics Authoring – Required for FI/HR report authors

Student Training Path

Authors	Consumers

STU 101 – Student Data for Cognos New Consumers – Required for all Student users

COG 401 – Cognos Analytics Authoring – Required for Student report authors

Optional Course

COG 111 – Cognos Analytics Scheduler – Optional for all users

Training Current Work Group

- **Andrea Pluckebaum, Krannert**
- **Cindy Davis, HR Change, Training**
- **Cindy Moscrip, HR Change, Training**
- **Krista Anderson, Administrative Operations**
- **Monique Rawles, FP & A**
- **Sarah Bauer, IDA+A**

BICC UPDATE - BIAC

April 8, 2020

AGENDA

- Who is this Ethan guy?
- Major BICC efforts in 2020
- What I've heard and what I've seen
- Oh yeah…

NEW BICC LEADERSHIP

- Ethan Durda
  - New to Purdue…and Indiana
  - Long history of experience in BI
  - Excited to learn!
- Not hired to burn anything down
  - What was I brought in to do?
    - Help focus efforts
    - Provide support for the developers
    - Provide a new perspective that might be valuable to the institution

MAJOR 2020-21 BICC INITIATIVES

- Major items in front of us:
  - Another Cognos upgrade to 11.1
  - Tableau upgrade
  - Card reporting services
  - HR initiatives around COVID-19 reporting and data
  - Degreeworks 5.0.3
  - ODS 9.1
  - Move to DQM for Cognos queries

WHAT I'VE HEARD, WHAT I'VE SEEN, WHAT WE'LL DO

- What I've heard:
  - We don't know what the BICC is doing.
    - What I've seen:
      - We have everything out there…but it is hard to navigate.
    - What we'll do:
      - Build processes to bring our visibility up.
      - We currently use PPM Pro to track projects and have a public dashboard, we'll work on making it more clear what is being done and when it will be completed.

WHAT I'VE HEARD, WHAT I'VE SEEN, WHAT WE'LL DO

- What I've heard:
  - We want to have more influence on BICC priorities.
    - What I've seen:
      - We struggle with limited influence ourselves across different parts of the organization. Many decisions are "right", but not well advertised.
    - What we'll do:
      - Work with the IDA+A and BI Strategic Priorities Committee to set up a sub-committee to help prioritize across our solution set.
      - Make it more clear when specific tasks are moved to accommodate new higher priorities.

WHAT I'VE HEARD, WHAT I'VE SEEN, WHAT WE'LL DO

- What I've heard:
  - We want something that the BICC doesn't offer.
    - What I've seen:
      - With such a rich decentralized model developing solutions across the university, we are behind on what all is out there and needed.
    - What we'll do:
      - Work with the IDA+A and BI Strategic Priorities Committee to clarify our offerings and ensure that everyone knows what we do and how to change our focus when needed.

SO THERE'S THIS COVID-19 THING

- This has been an interesting time to join Purdue.

- I don't think that any plan we have will last the summer, but it's a start.

- Please help me and the BICC be more in tune with your needs so we take advantage of our skills and insight to navigate these waters.

WOMEN IN DATA SCIENCE TABLEAU PRESENTATION BRIEFING

MOLLY AMSTUTZ

PURDUE UNIVERSITY

Women in Data Science Conference: Visualizing Data with Tableau

Business Intelligence Competency Center (BICC)

Institutional Data Analytics + Assessment (IDA+A)

PURDUE UNIVERSITY®

Agenda

Tableau Products

Basics Training

User Experience

Jedi/Advanced Training & Tips

PURDUE UNIVERSITY®

Tableau Products

Tableau Desktop

Called "the gold standard" in visual analytics, Tableau Desktop upended the business intelligence industry and ushered in a new paradigm of self-service insight.

Tableau Prep

Tableau Prep empowers more people to get to analysis faster by helping them quickly and confidently combine, shape, clean and operationalize their data flows.
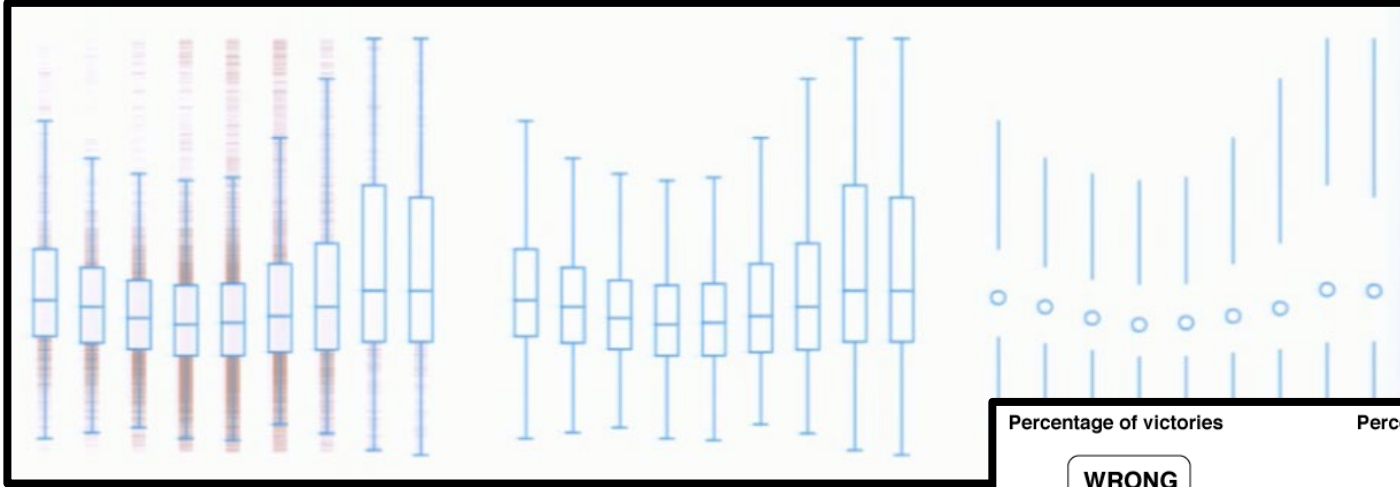
Tableau Server

Share your data and dashboards to multiply your impact. Whether you keep your Server deployment on-prem or deploy to the public cloud you can keep the management of your server in your hands.
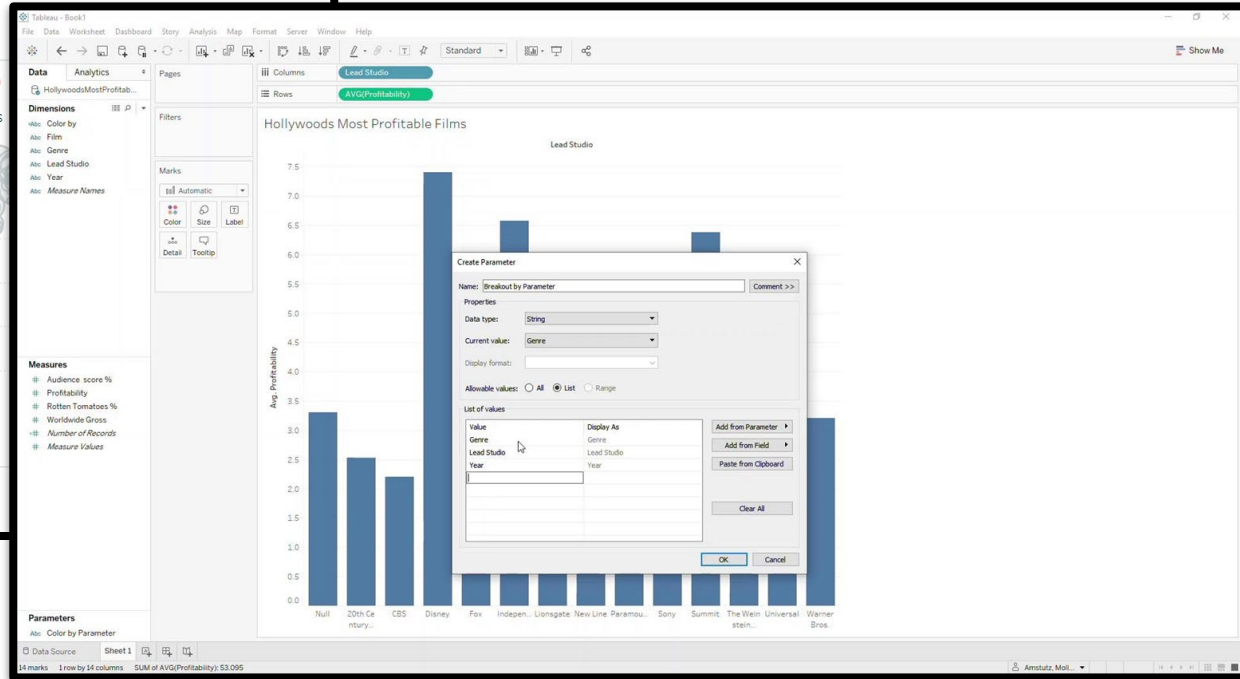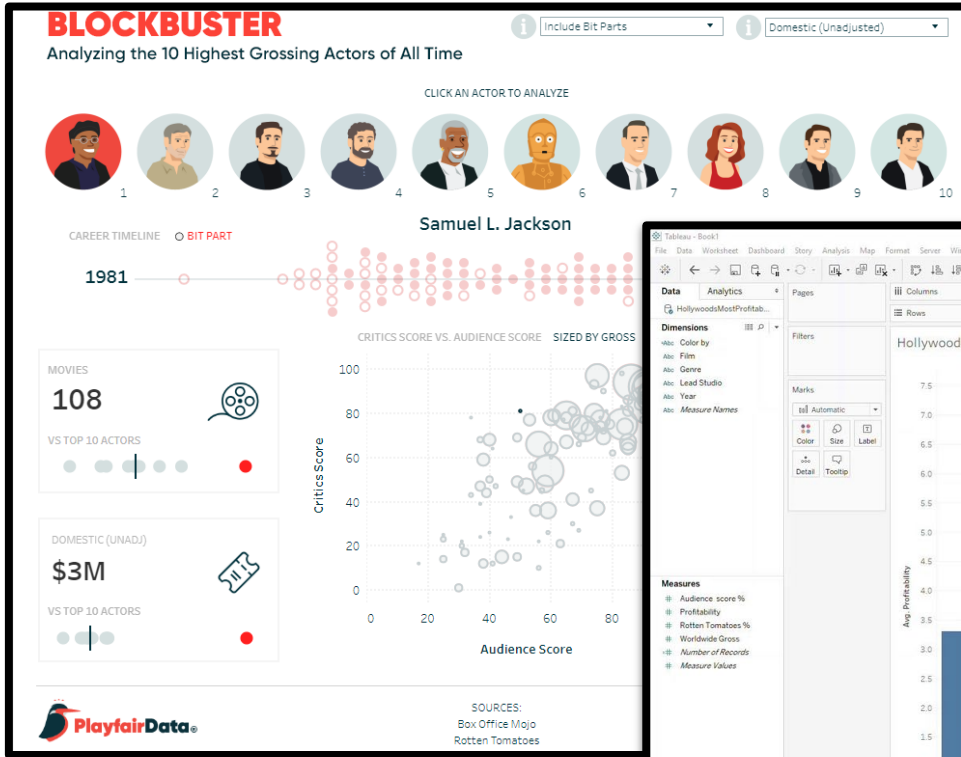
PURDUE UNIVERSITY®

Tableau Basics
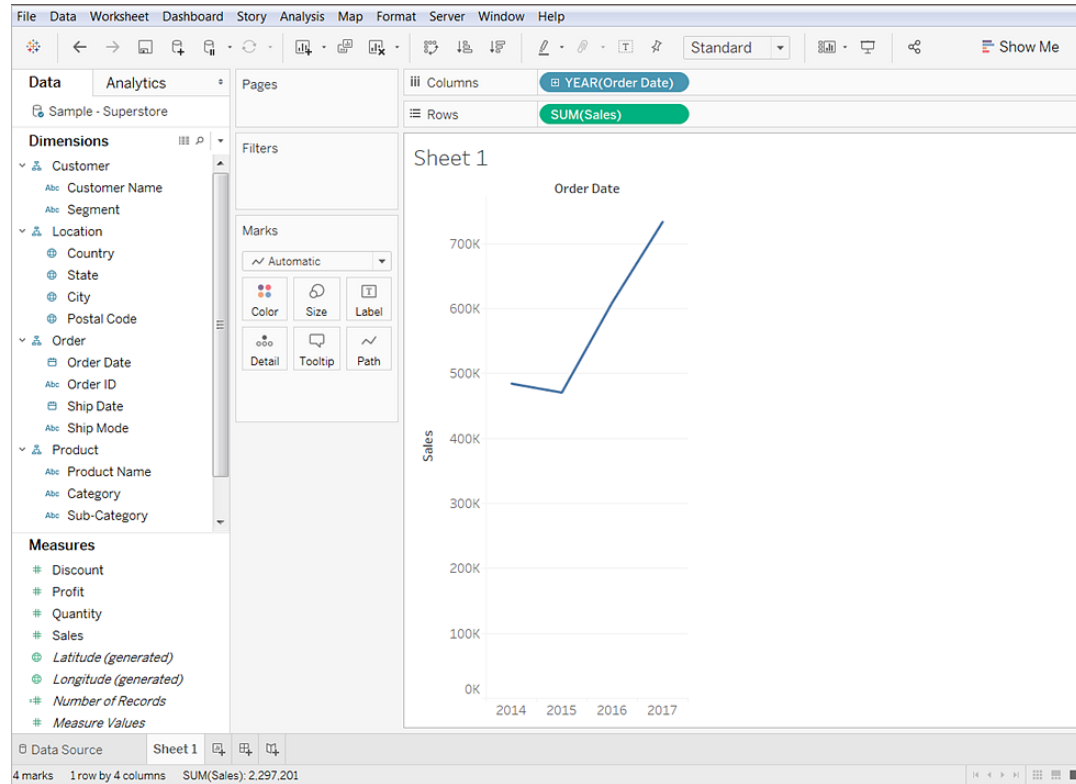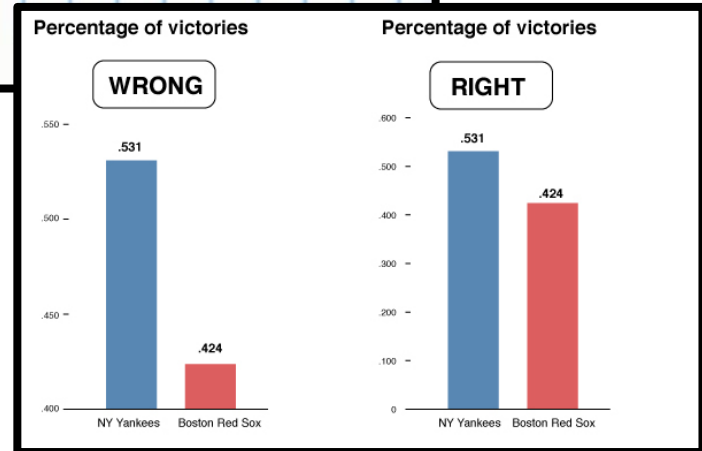
Jedi Examples & Advanced Training

Tableau Outreach

-- WIS Conference: Tableau Training
-- Undergraduate Seminar: Tableau + Institutional Data
-- High School Data Science Summer Courses: Tableau + Institutional Data
-- Clemson Data & Analytics Working Group: Demo of Management Dashboard

PURDUE
UNIVERSITY®

DATA COMMUNITY CHECK-IN

ALL

PURDUE
UNIVERSITY ®

First, introduce yourself and then discuss...

Professional Life During a Pandemic	Career Reflection & Networking
• What do you wish you would have known 2-3 weeks ago? • How has this experience changed your perspective on technology at work? • What's something new you've learned about the Purdue data environment? • Has your job changed? If so, how? • Any tips for working from home? Or working from a deserted campus?	• What did you dream of becoming when you were a kid? • What are things (a language, a sport) you want to learn? • What are your strengths? • What kind of professional and personal breakthroughs do you want to experience? • If money weren't a problem, what would you spend your every day doing?

PURDUE
UNIVERSITY®

THANK YOU

Any Questions?

PURDUE
UNIVERSITY.