

The STEWARDS of CHANGE

6th ANNUAL NATIONAL CONFERENCE

FROM DATA TO INTELLIGENCE:
Using the Power of Analytics to Drive Insight and Better Decision Making

THE PANEL

- Dr. Joseph Jasinski
- William Travis
- Don Edwards

Moderator: Nicole Gardner

Most of the world's data is UNSTRUCTURED.

DATA... INSIGHT...

- Descriptive...
- Predictive...
- Prescriptive...

- Pattern Recognition...
- Scenario Building...
- Prototyping...

PROBLEM SOLVING!

Turning DATA into ACTION...

• PRACTICALISM...

• BREAKTHROUGH!

• COULD SOME THINGS REALLY BE HAPPENING?!

"I'm going to MOVE THIS MOUNTAIN!"



(SSIRS) The SOCIAL SERVICES INFORMATION REPORTING SYSTEM
Alameda County, CA.

"The social service information equivalent of MOVING MOUNTAINS..."

✓ A linux-based system for workers to obtain information about clients across multiple systems...

A DATA WAREHOUSE...

✓ Accessible 24 hours a day...

✓ Intuitive to different languages, spellings, geographies.

✓ Draws on data for:

- BIRTH/DEATH
- INCOME
- POSTAL RECORDS
- PUBLIC HEALTH
- EDUCATION
- DMV
- CORRECTIONS

✓ Improves SERVICE, EFFICIENCY...
Cuts down on FRAUD...
Cuts COSTS...

★ HIV/AIDS DRUG THERAPIES...

★ EPIDEMIOLOGICAL MODELING...

★ IBM Watson Computer...

PREDICTIVE MODELING CASE STUDY - Child Safety in NY
Better LONGER TERM Outcomes...
...in a time of dwindling resources.

While taking on some of the burden of the workers...
"HEY! YOU'RE LIVING in ILLINOIS... BUT RECEIVING BENEFITS IN CA!"
e.g. AUTOMATED CONTACTS with CLIENTS.

- Where and by Whom did the report originate?
- What is the nature of the allegation?
- When was the report made?

1. ACCEPT the CALL?

2. INVESTIGATION IS INITIATED?

3. SAFETY ASSESSMENT COMPLETED?

4. INVESTIGATION CONCLUDED?

- ★ Triage...
- ★ Predict Recidivism...
- ★ Improve accuracy to 90%, assessing 70% of the cases.