

Predictive Analytics Services

Request for Information Presentation

Qualifications

- Fellow of the Society of Casualty Actuaries
- 23 years' actuarial experience
- 3 award-winning papers
- Extensive actuarial experience in multiple lines of business



Francis Analytics

Actuarial Data Mining Services

Experience

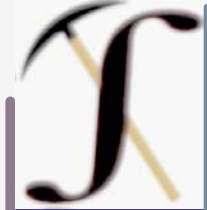
- Direct modeling experience in multiple lines of business
- Experience in multiple modeling methods, GLM, MARS, Neural Networks
- Extensive modeling software experience

Our Services

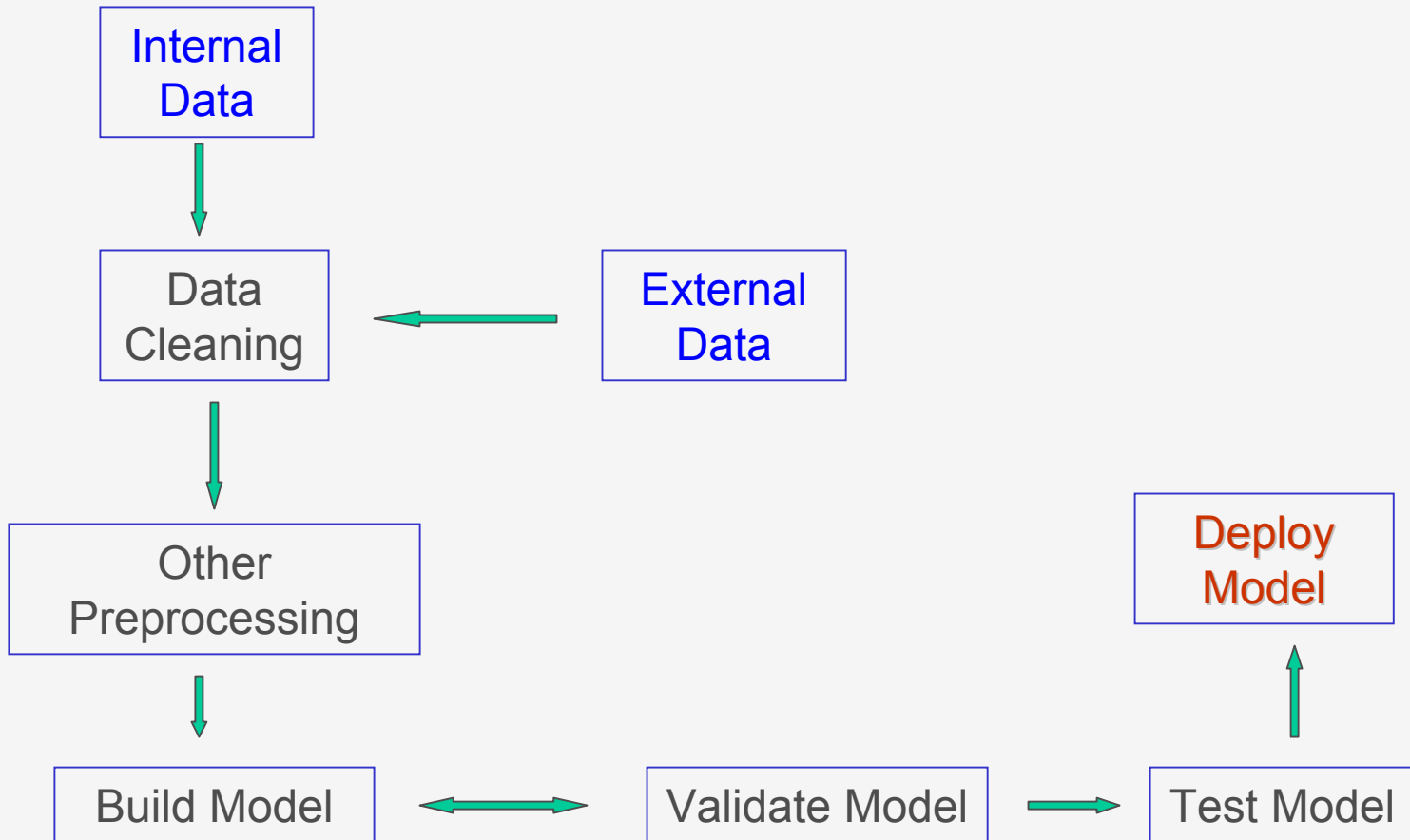
- Modeling
- Advice, guidance and training
- Planning and Project Management

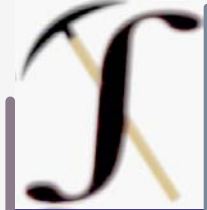
Modeling

- Dataset
- Software
- Methods
- Validation

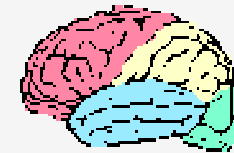
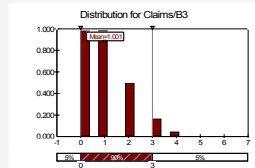
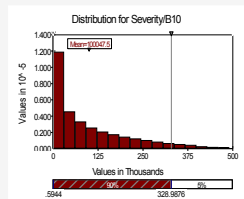
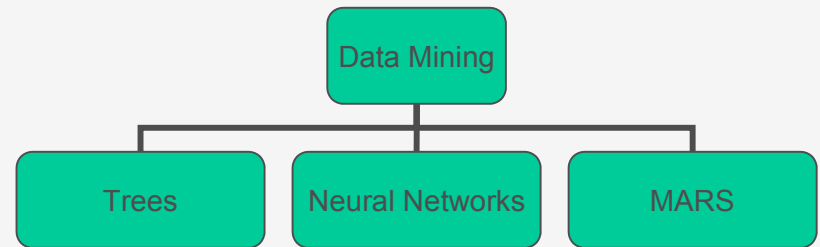
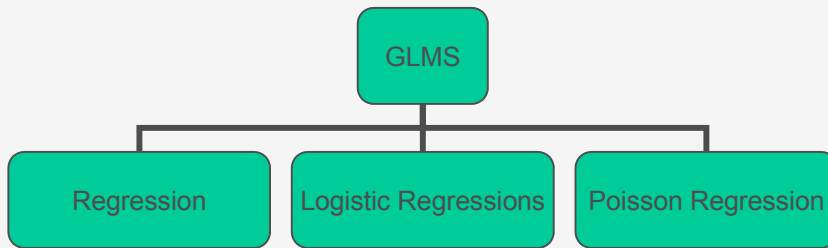


Modeling Process





Two Big Specialties in Predictive Modeling





Complexities Affecting Insurance Data

- Nonlinear functions
- Interactions
- Missing Data
- Correlations
- Non normal data
- See www.data-mines.com

Advice and Guidance

- Data Development
- Software selection
- Mathematical methods
- Model building and validating
- Integrating
- Maintaining

Training

- Training Plan
- Live workshops
- Software use

Planning

- Project Parameters
- Choices
- Dependencies and constraints
- Deliverables

Project Management

- Scoping
- Project Plan and Schedule
- Project Phases and Deliverables
- Communications

Contracting

- Proposal and Agreement
- Schedule
- Project fees and expenses



Thank you

Please contact Francis Analytics at
consulting@data-mines.com