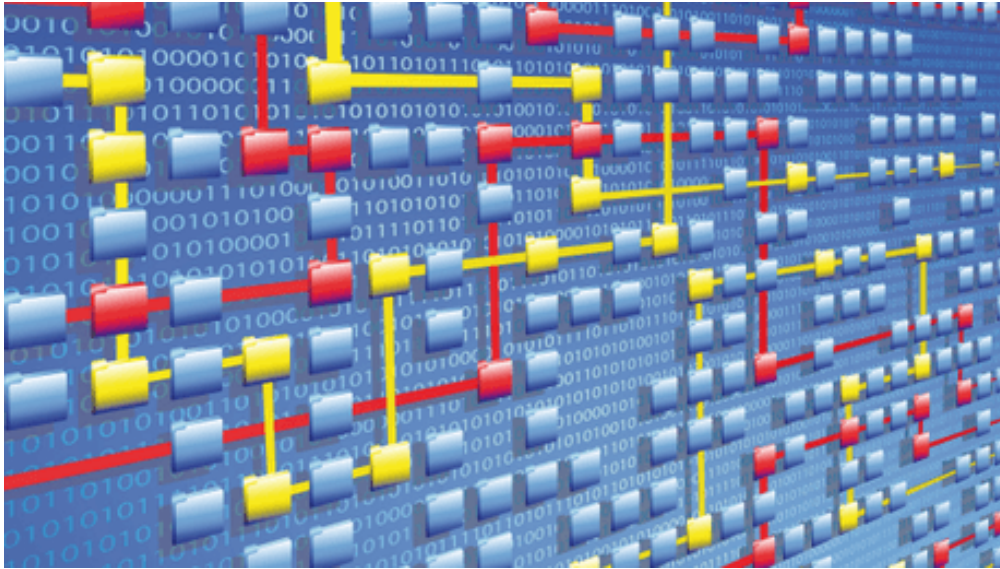


# Process Mining in Finance

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The Innovation Network for Finance IT and Copenhagen Fintech Innovation and Research (CFIR) invite you to a session on process mining in finance.

Process mining is in popular terms big data and machine learning on processes. It can help develop processes for instance in handling of loan applications, sales processes and understanding the browsing behavior of customers. The technology has become available only recently, but it can be applied to any type of operational processes, organizations and systems.

Process mining bridges the gap between traditional model-based process analysis e.g., simulation and other business process management techniques and data-centric analysis techniques such as machine learning and data mining. Process mining seeks the confrontation between event data, i.e., observed behavior, and process models, hand-made or discovered automatically.

## **In this session you can**

- get an introduction to process mining
- learn from process mining cases on how process mining can be applied to financial services companies.
- engage in the discussion with peers from other finance and technology companies
- identify possibilities in process mining for your company.

The speakers include Søren Debois from IT University of Copenhagen, an internationally recognized expert in process modelling notations; John Hansen one of the pioneers of process mining and member of IEEE Task force on Process mining and Jagababu J, Tata Consultancy Company's Nordic head IT Infrastructure Services. TCS has launched IgnioTM , the first neural automation system for enterprise.

## [Sign up for the event here!](#)

### **Program**

9.30-10.00 Registration and coffee

10.00-10.10: Welcome and about the sessions in processes and IT in finance by Senior Consultant **Anders Pall Skøtt**, CFIR and Associate Professor **Thomas Hildebrandt**, IT

University Copenhagen

10.10-10.40: "From Data To Business - How To Use Process Mining In The Financial Sector",  
**John Hansen**, founder Project2 and processmining.dk

10.40-11.10: "Neural Automation based Process Mining & Use cases for Enterprise IT",  
**Jaganbabu J**, Regional Manager IT Infrastructure Services Nordic, Tata Consultancy Services

11.10-11.30: Break

11.30-12.00: "Process mining, applied research and possibilities", **Søren Debois**, IT University of Copenhagen

12.00-12.25: Discussion around tables. Each table presents key points

12.25-12.30: Closing by **Thomas Hildebrandt**, IT University Copenhagen

12.30-13.00: Sandwich and networking

Moderator: Associate Professor **Thomas Hildebrandt**, IT University Copenhagen

### Information:

**Time:** Tuesday November 17, 10:00-13:00 (registration from 9:30)

**Place:** House of the Financial Sector, Amaliegade 7, Copenhagen K

**Target group:** Financial companies, IT companies, startups, and researchers working with processes and IT in finance.

**Sign up for the event:** Sign up for the event [here](#). Participation is free of charge and is reserved for core members of CFIR. See member list [here](#). If your company is not a member and you want to participate, please send a mail to senior consultant Anders Pall Skött, [aps@cfir.dk](mailto:aps@cfir.dk).

### Speakers



#### **John Hansen, Project2**

Process Scientist and founder of Project2 ApS and [www.processmining.dk](http://www.processmining.dk). John has been working as a freelance consultant since 2005 specialising in Business Process Management and IT Requirement Management and was a Partner at ChangeGroup 2007-2013. Since 2012 the focus and passion has been around process mining. In 2013 John was accepted as a member of the IEEE Task Force On Process Mining, trying to promote process mining on a global level.



#### **Jaganbabu J (Jagan), Tata Consultancy Services**

Jaganbabu J (Jagan) has more than 15 years of IT Industry experience and is responsible for IT Infrastructure Services Practice for Nordic based organizations. He has been part of the new outsourcing wave which enabled several large Nordic enterprises to successfully exit incumbent vendors and adopt new, agile and futuristic delivery model. These enterprises are from different size and covering a wide range of organizations, like 100% government owned companies to large organizations with global outlook.

Jagan's area of interest includes IT Outsourcing, New Technology adoption and IT Strategy. Recently for a large Swedish based Global Retailer, Jagan was instrumental in creating a future operating model to meet both Business and IT objectives. This involved proposing a new operating model which takes into consideration the rapid business growth (25%), changes in technology and cost savings.

Jagan tracks and participates in various technology discussions which impact IT. His recent discussions (hot topics) are in the areas of Automation, Converged Infrastructure, Scalable Datacenter Solutions and Workplace transformation. While these areas are widely talked about, Jagan's perspective of applying them is pragmatic taking into account the new innovation from a product engineering perspective and also ensuring operational stability. By being part of several large

scale new IT transformation projects and applying his approach, Jagan's key learning was that "error handling" ability of new products/technologies are often not taken into consideration unless they create major incidents.

Tata Consultancy Services has introduced **Ignio™** which automates and optimizes the IT operations and processes of an enterprise to increase agility, reduce operational risks and enhance user experience.



#### **Søren Debois, IT University Copenhagen**

Søren Debois, PhD, is an assistant professor at the IT University of Copenhagen, where he is an internationally recognised expert in process modelling notations. His work encompasses both the mathematical foundations of such notations, their practical implementation, and their application in industry. In academia, Søren has a record of publications at premier international venues, pushing the vision of declarative or rule-based process modelling notations.

For industry, Søren is a key figure in the ITU Model group's ongoing collaboration with Danish ECM-vendor Exformatics A/S, regularly participate in collaborations with Danish industry—most recently with BRFkredit, DSB and BaneDanmark—, and is a frequent speaker in knowledge networks such as CFIR and VidenDanmark

### **Sessions in processes and IT in finance**

This meeting is the fourth meeting in 2015 of the sessions in processes and IT organized by CFIR and The Innovation Network for Finance IT. The Innovation Network also facilitates mini projects with companies and researchers where your company can participate. A topic for a future mini project could be process mining. In 2016 we will organize four new meetings about processes in finance facilitated by Head of the Process and System Models (Models) research group Thomas Hildebrandt, IT University Copenhagen.

#### **Topics in 2015:**

March 5: "Continuous delivery, usability-evaluation and compliancy"

May 7: "Agil kortlægning og visualisering af forretningsprocesser"

September: 24: "Grunddata og forretningsprocesser i finansielle virksomheder"

November 17: "Process Mining in Finance"