Submission call for presentations decision camp 2019

Title: the decision model for gate allocation.

Summary:

Schiphol Group creates an integrated plan on a tactical, strategic and operational level that is adjusted daily based on the actual operational situation. Internal research demonstrated that planning procedures are not optimally aligned; many plans depend on the aircraft stand allocation plan which changes heavily on the day of operations. These findings motivated a research project into the decisions and criteria used by gate planners.

We reviewed the current policy, created an overview of the criteria using a DMN model, performed behavior research on the human decision makers and created a DMN model for the decisions that human planners make on the day of operations. The work resulted in an update of the policy, recommendations and a new direction for an improved strategy.

We will present:

- An overview of the process to assign a gate to a flight
- The effect of gate assignment on other planning processes and on-time performance.
- The DMN models for the tactical plan and day of operations.
- The main conclusions of the research and recommendations.

Key takeaway:

- DMN is a useful analysis instrument
- DMN is applicable to a diverse set of application domains
- Having data and knowing the rules is not enough to optimize decision making

Audience: business, both new & advanced

Industry sector: Transport, Logistics, Airport

Presenter:

Silvie Spreeuwenberg

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Strategy developer, Entrepreneur & Software designer – MSc AI, MBA

Silvie Spreeuwenberg is an experienced entrepreneur and consultant. She combines the ability to be a holistic thinker while, at the same time, she has detailed knowledge about artificial intelligence, compliance and software development. Therefore, she is a good strategy advisor for founders, scale-ups and start-ups. Her inspiration is rooted in a strong need to create sustainable partnerships based on trust. She has an urge to share knowledge by being extremely transparent. These are the themes in her work.

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The presentation abstract should include:

- Title of the Presentation
- 250-word summary
- Key takeaway
- Audience (business / technical; advanced / new)
- Industry sector(s), if applicable
- Key technologies included

For each presenter please provide:

- Full Name
- Company
- Title
- Address
- Telephone Number
- Email Address
- A write-up of approximately 100 words about your experience, including the number of years you’ve been involved, the types of products/projects you've been involved in, your primary role in these projects, etc. This bio will appear on the DecisionCAMP website.