

# Festival Online de la Data



## PROCHAINES DATES

Jeudi 11 Mars de 15h à 15h30

**Data-Asso**

**Marc SALLIERES**, Président, SYNALTIC

Jeudi 18 Mars de 15h à 15h30

**Elastic Cloud on Kubernetes : de l'installation à la restitution, les meilleures pratiques en 20 minutes**

**Galla TOPALIAN**, Responsable Pôle BI

**Alexandre NASRY**, Solution Architect DevOps

Jeudi 25 Mars de 15h à 15h30

**La Data Gouvernance par la pratique**

**Charly CLAIRMONT**, CTO, SYNALTIC

# SYNALTIC EN QUELQUES MOTS

Acteur innovant, dénicheur de solution et une équipe de collaborateurs engagés



30

**30 collaborateurs formés et certifiés** contribuant aux communautés d'utilisateurs.

15

Spécialiste en Data Management depuis plus de 15 ans et plus de **250 projets** réalisés.

160

Plus de **160 clients** dont certains s'appuient sur nous avec succès depuis plus de **8 ans**.

Experts en Data Management, passionnés d'Open Source et d'Innovation !

# De Tableau Prep Builder à la visualisation sur Tableau Desktop

# Agenda

● Introduction au Tableau Prep Builder

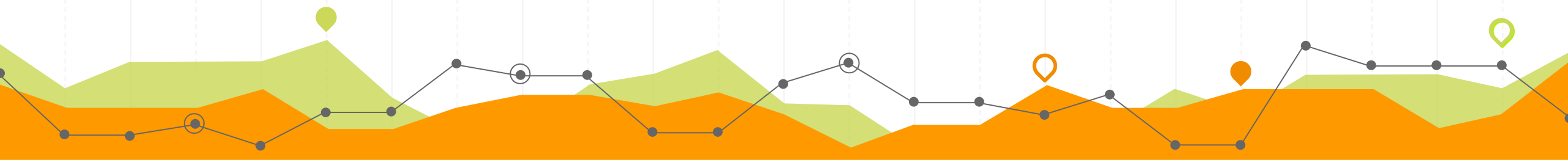
● Démonstration en directe

Préparer les données sur Tableau Prep et les visualiser sur Tableau Desktop

# Préparation de données


80%  
Préparation

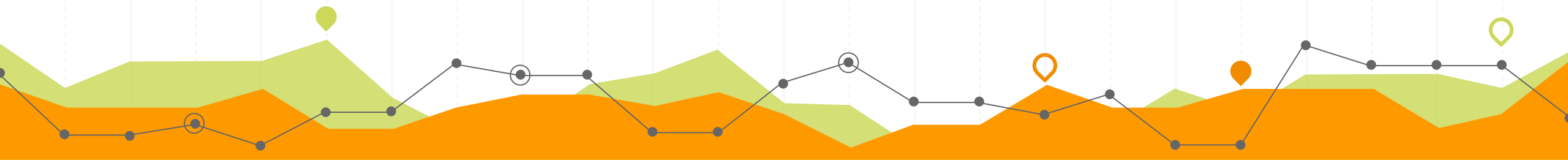
20%  
Analyse



# 1. Introduction au Tableau Prep Builder

# Tableau Prep Builder

- Un des produits de la suite Tableau 
- Tableau Prep intègre la plateforme Tableau
- C'est un outil de préparation de données
- Il offre une interface intuitive, directe et visuelle
- Réduire considérablement le délai entre la collecte et les informations exploitables
- Il offre des fonctions intelligentes qui facilitent l'automatisation des tâches complexes, il suffit de glisser-dropper (Plus besoin d'écrire et exécuter le moindre script )



Volet de connexion

# Interface



The screenshot displays the Tableau Builder interface. On the left, a 'Connexions' sidebar lists data sources: Orders\_Central.csv, Orders\_West.csv, Orders\_Central.csv, Orders\_East.xlsx, and return\_reasons\_na... The main workspace shows a flow diagram with steps: Central (Fixer les dates...), Best (Nettoyer les va...), South (Cette étape contient tous les fichiers du sud), Toutes les réal..., Lier 1, Nettoyer 4, and Sortie. Below the flow, the 'Modifications (4)' section shows a data profile for 'Nettoyer 4' with columns: Table Names, Days to ship, Returned?, Customer Notes, Approver Name, File Paths, Return Reason, and Category. At the bottom, a data grid shows the following data:

Table Names	Days to ship	Returned?	Customer Notes	Approver Name	File Paths	Return Reason	Category	City	Country	Customer ID	Customer Name	Discount	Order Date	Order ID	Postal Code	Product ID
Orders_Central.csv	3	No	null	null	null	null	Furniture	Freeport	United States	TS-21610	Troy Staebel	0.6	10/13/2018, 12:00:00 AM	CA-2018-163160	61,032	FUR-FU-10001424
Orders_Central.csv	4	No	null	null	null	null	Technology	Moorhead	United States	CC-12475	Cindy Chapman	0	08/07/2018, 12:00:00 AM	CA-2018-158344	56,560	TEC-AC-10002006

Volet Flux

Volet Profil

Grille de données



Voilet de connexion

# Interface

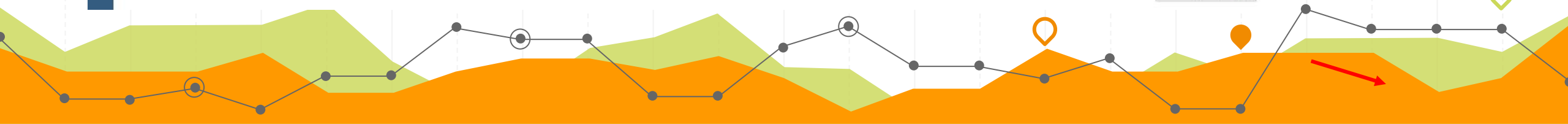


The screenshot displays the Synaltic interface. On the left, a sidebar titled "Connexions" lists various data sources: orders\_pouth\_2015.csv, Orders\_Central.csv, Orders\_East.xlsx, Orders\_West.csv, and return\_reasons\_new.xlsx. Below this is a search bar and a "Tables" section with a checkbox for "Utiliser l'interpréteur de données" and a table listing "returnis\_new". A red box highlights the "Connexion" menu, which is open, showing options for "Rechercher des données", "Tableau Server", "Vers un fichier" (including Microsoft Access, PDF, Excel, Tableau, and text), and "Vers un serveur" (listing various cloud and on-premise data services like Alibaba, Amazon, Apache, Azure, Cloudera, Databricks, Denodo, Dropbox, EXASOL, Google, Hortonworks, IBM, and Impala). On the right, a data flow diagram shows a sequence of operations: "Scission du cha..." (Split the chart) leading to "Toutes les régi..." (All regions), which then branches into "Jointure Gauche" (Left Join) and "Pré-Analyse" (Pre-analysis). The interface also features a top menu bar with "Fichier", "Modifier", "Filtre", "Sauvegarder", and "Aide", and a top right corner with "Alertes (0)".

# Interface



Volet  
Flux



# Interface



Modifier Flux Serveur Aide

Alertes (0)

Pré-Analyse 26 champs 16K lignes

Filtrer les valeurs... Créer un champ calculé...

9 recommandations

Rechercher

Modifications (1)

- Notes 132
- Téléconseiller 13
- Table Names 4
- File Paths 5
- Sales 6K
- Quantity 14
- Profit 7K
- Discount 14
- Region 4

Volet Profil

Notes	Téléconseiller	Table Names	File Paths	Sales	Quantity	Profit	Discount	Region	State	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	Postal Code	Product ID
null	null	Orders_West.csv	null	2.368	2	0.8288	0.2	West	Arizona	3,836	CA-2015-100363	04/08/2015, 12:00:00 AM	04/15/2015, 12:00:00 AM	Standard Class	JM-15655	Jim Mitchum	Corporate	United States	Glendale	85,301	OFF-FA-10000
null	null	Orders_West.csv	null	19.008	3	6.8904	0.2	West	Arizona	3,837	CA-2015-100363	04/08/2015, 12:00:00 AM	04/15/2015, 12:00:00 AM	Standard Class	JM-15655	Jim Mitchum	Corporate	United States	Glendale	85,301	OFF-PA-10004
null	null	Orders_West.csv	null	2.368	2	0.8288	0.2	West	Arizona	3,836	CA-2015-100363	04/08/2015, 12:00:00 AM	04/15/2015, 12:00:00 AM	Standard Class	JM-15655	Jim Mitchum	Corporate	United States	Glendale	85,301	OFF-FA-10000
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null	null	Orders_West.csv	null	100.704	6	-1.2588	0.2	West	Arizona	4,565	CA-2015-101175	12/09/2015, 12:00:00 AM	12/14/2015, 12:00:00 AM	Standard Class	DM-12955	Dario Medina	Corporate	United States	Mesa	85,204	OFF-ST-10004
null	null	Orders_West.csv	null	1,113.024	8	111.3024	0.2	West	Arizona	68	CA-2015-106376	12/05/2015, 12:00:00 AM	12/10/2015, 12:00:00 AM	Standard Class	BS-11590	Brendan Sweed	Corporate	United States	Gilbert	85,234	OFF-AR-10002
null	null	Orders_West.csv	null	167.968	4	62.988	0.2	West	Arizona	69	CA-2015-106376	12/05/2015, 12:00:00 AM	12/10/2015, 12:00:00 AM	Standard Class	BS-11590	Brendan Sweed	Corporate	United States	Gilbert	85,234	TEC-PH-10002
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null	null	Orders_West.csv	null	9.408	2	3.4104	0.2	West	Arizona	3,223	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	OFF-PA-10001
null	null	Orders_West.csv	null	4.672	2	1.46	0.2	West	Arizona	3,224	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	OFF-FA-10000
null	null	Orders_West.csv	null	318.4	2	107.46	0.2	West	Arizona	3,225	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	TEC-PH-10001
null	null	Orders_West.csv	null	12.768	6	4.6284	0.2	West	Arizona	3,226	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	OFF-EN-10004
null	null	Orders_West.csv	null	15.36	2	-3.264	0.2	West	Arizona	3,227	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	OFF-SU-10002
null	null	Orders_West.csv	null	230.376	3	20.1579	0.2	West	Arizona	3,228	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	TEC-PH-10001
null	null	Orders_West.csv	null	7.16	1	-0.0895	0.2	West	Arizona	3,229	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	TEC-AC-10003
null	null	Orders_West.csv	null	9.408	2	3.4104	0.2	West	Arizona	3,223	CA-2015-108189	10/02/2015, 12:00:00 AM	10/05/2015, 12:00:00 AM	First Class	ES-14080	Erin Smith	Corporate	United States	Tempe	85,281	OFF-PA-10001
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# Interface



Modifier Flux Serveur Aide



Alertes (0)

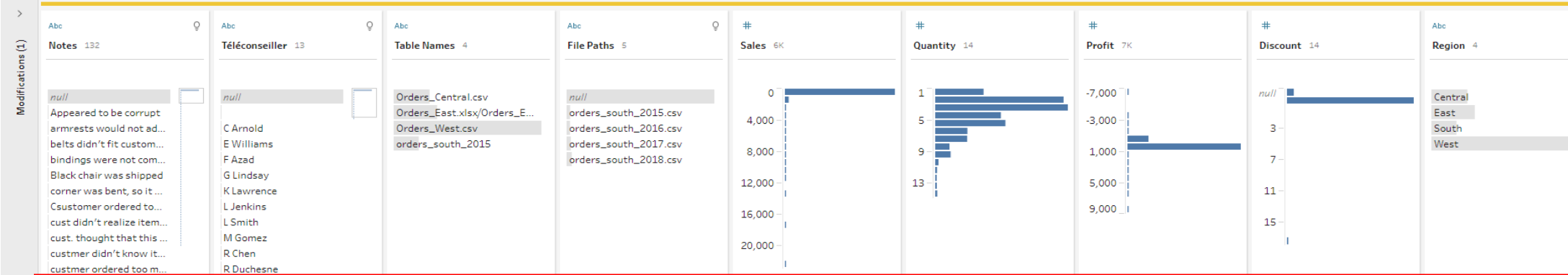
Pré-Analyse 26 champs 16K lignes

Filtrer les valeurs...

Créer un champ calculé...

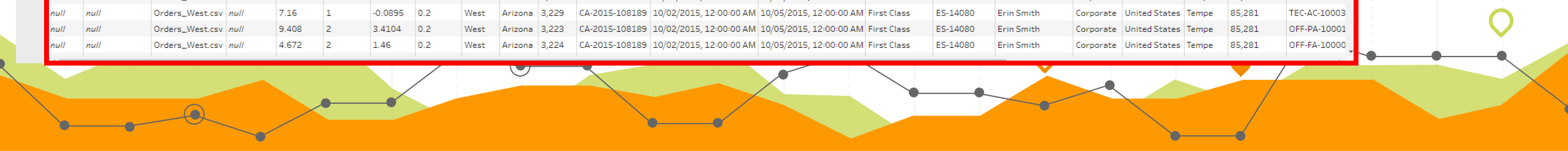
9 recommandations

Rechercher

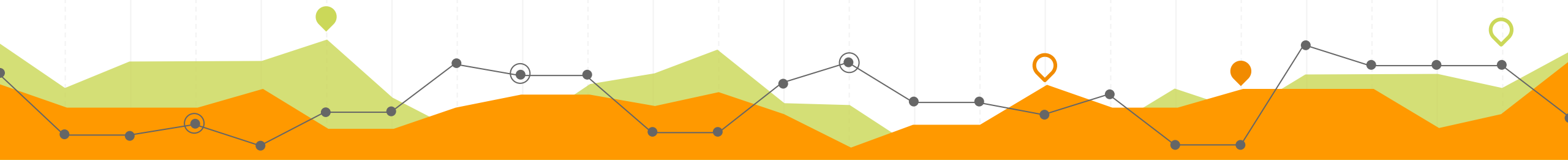


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Grille de données



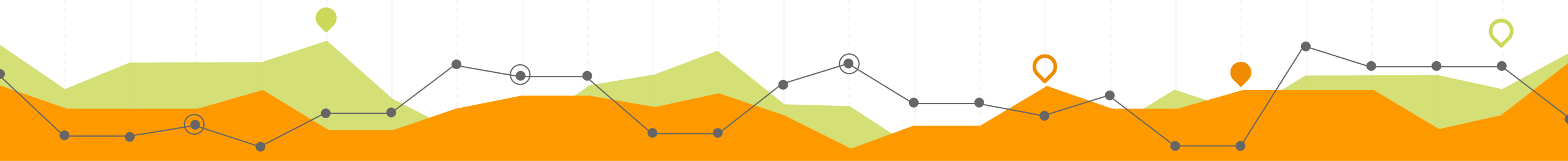
# Démonstration



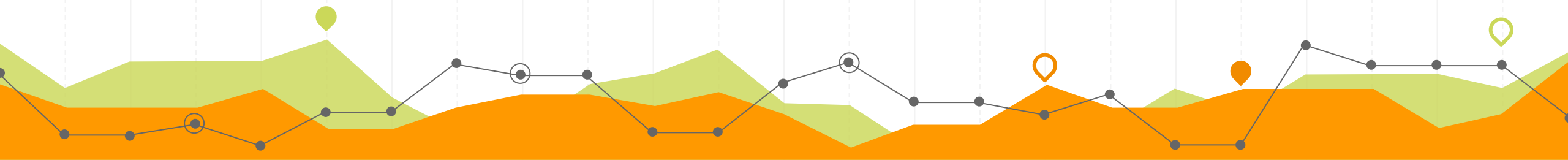
**Supposons que vous voulez analyser les ventes des produits et les bénéfices réalisés d'une entreprise au cours des 4 dernières années.**

**Sauf que les données collectées font l'objet d'une collecte et d'un suivi différents pour chaque région.**

**En plus, vous remarquez que les données pour une même région sont dispersées dans des fichiers séparés pour chaque année.**



**Merci pour votre attention**



# Festival Online de la Data



## PROCHAINES DATES

Jeudi 11 Mars de 15h à 15h30

**Data-Asso**

**Marc SALLIERES**, Président, SYNALTIC

Jeudi 18 Mars de 15h à 15h30

**Elastic Cloud on Kubernetes : de l'installation à la restitution, les meilleures pratiques en 20 minutes**

**Galla TOPALIAN**, Responsable Pôle BI

**Alexandre NASRY**, Solution Architect DevOps

Jeudi 25 Mars de 15h à 15h30

**La Data Gouvernance par la pratique**

**Charly CLAIRMONT**, CTO, SYNALTIC