

# See Tableau In Action Advanced Analytics

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#TableauPSDay

"Hiding within those mounds of data is knowledge that could change the life of a patient, or change the world."

Atul Butte – Data Miner, MD, PhD (Pediatrics) Standford Medicine Magazine

## Session Goals



Share Tableau's Advance Features

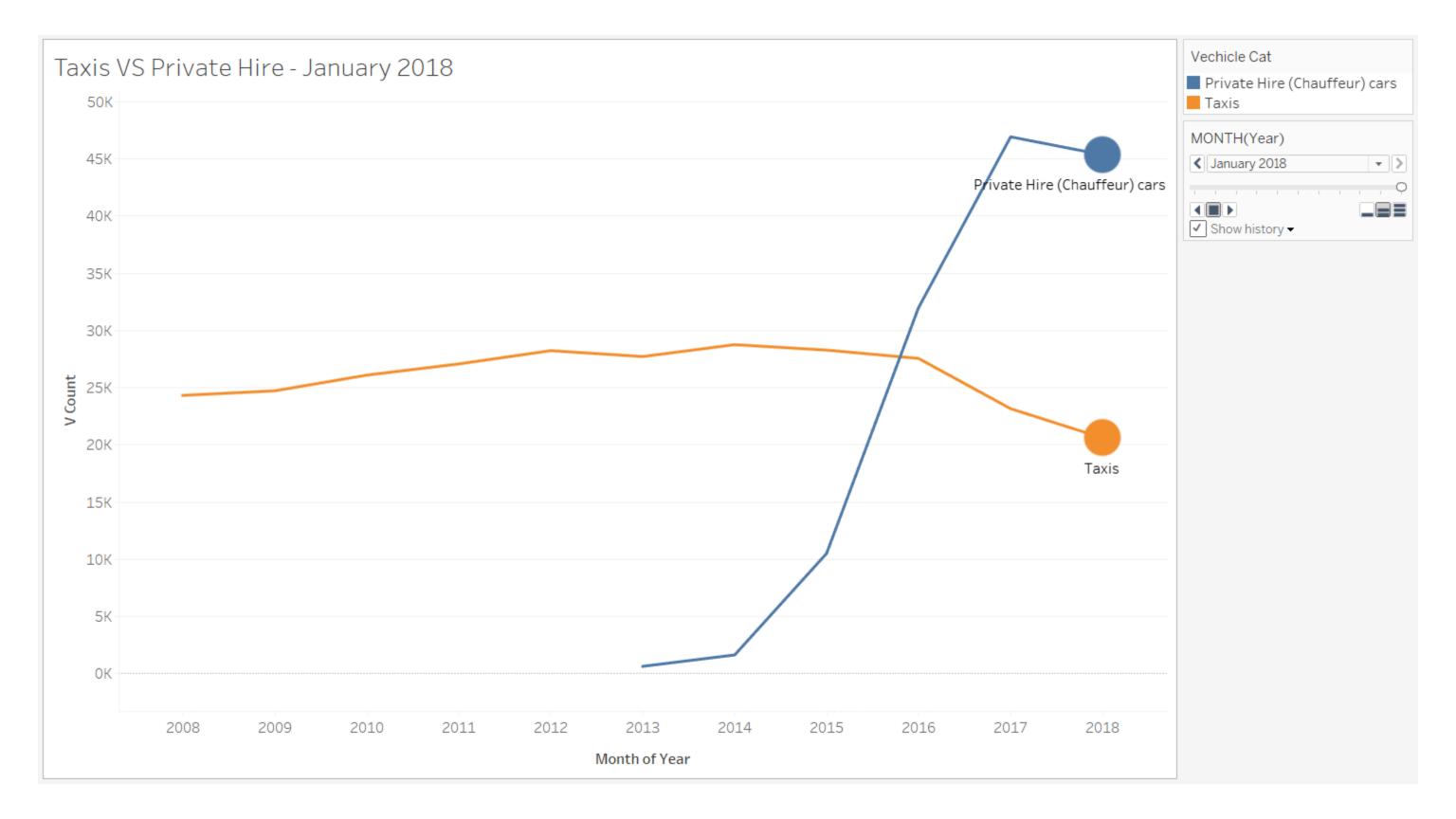
Introduce Tableau's external analytics integrations

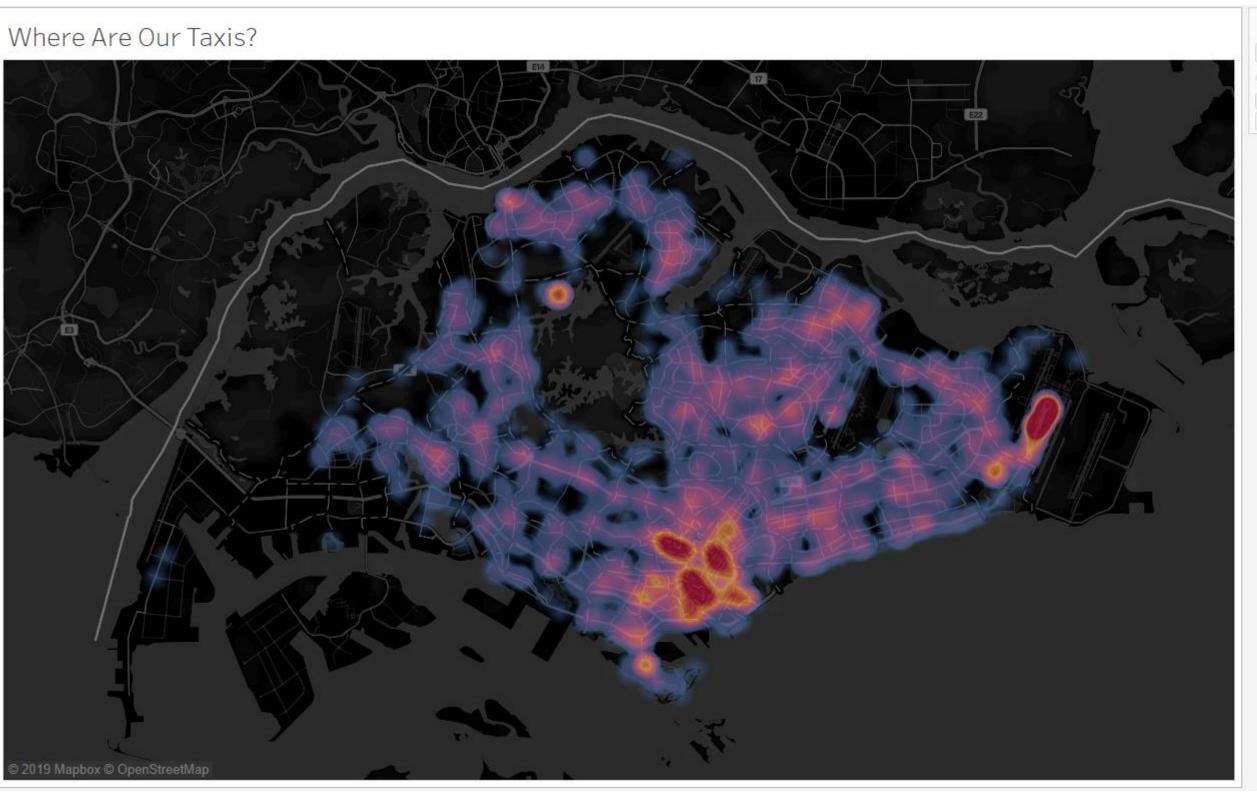
Build self-service interactive dashboards to share insights



# **Motion Charts**









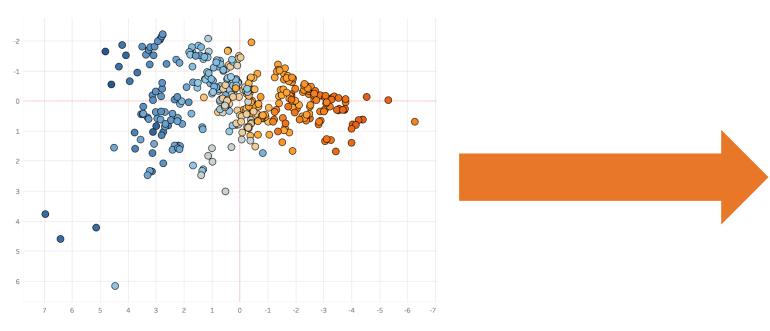


# Outlier Detection & Forecast

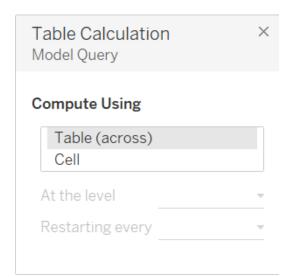
**R/TabPy Integration** 



#### **External Services Workflow**







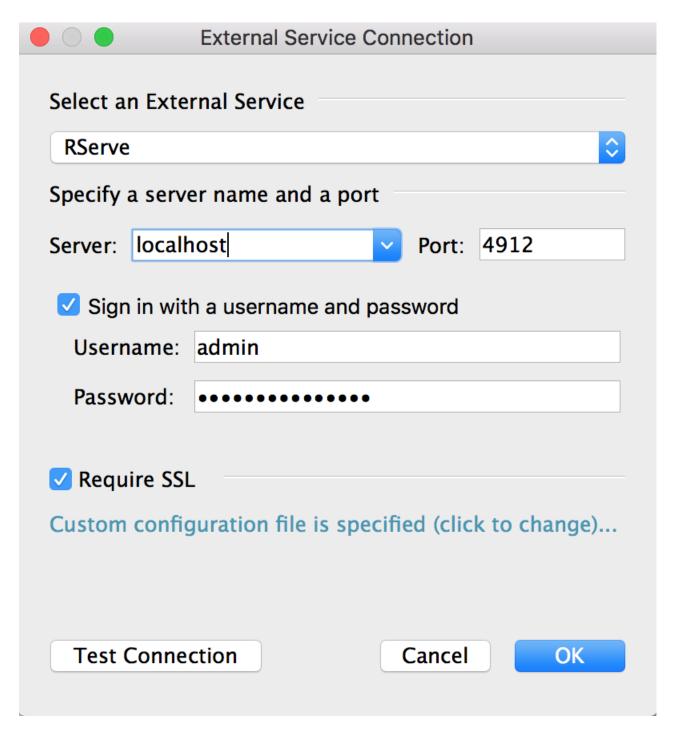








## **Connecting to an External Service**



#### Supported Connections

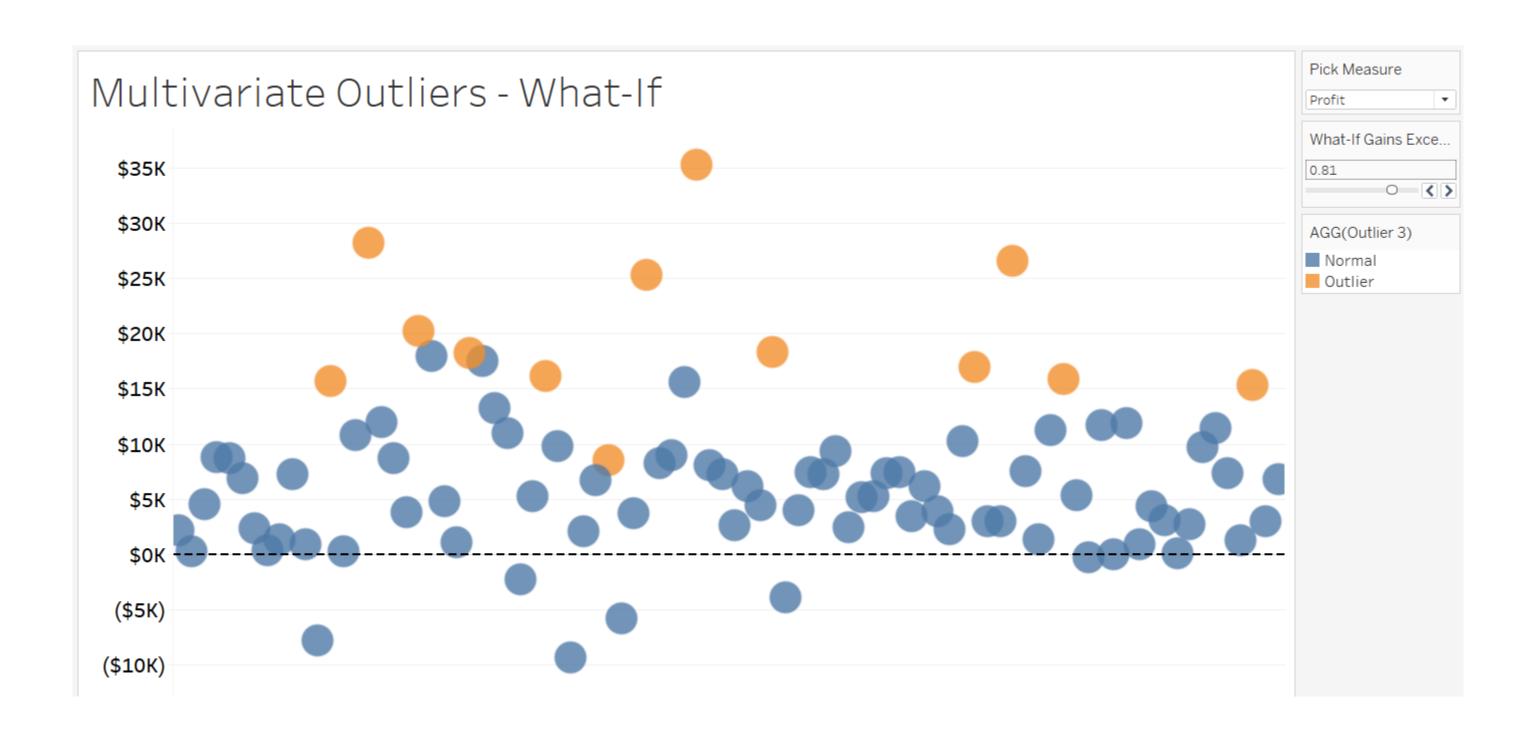
- Rserve
- TabPy/MATLAB

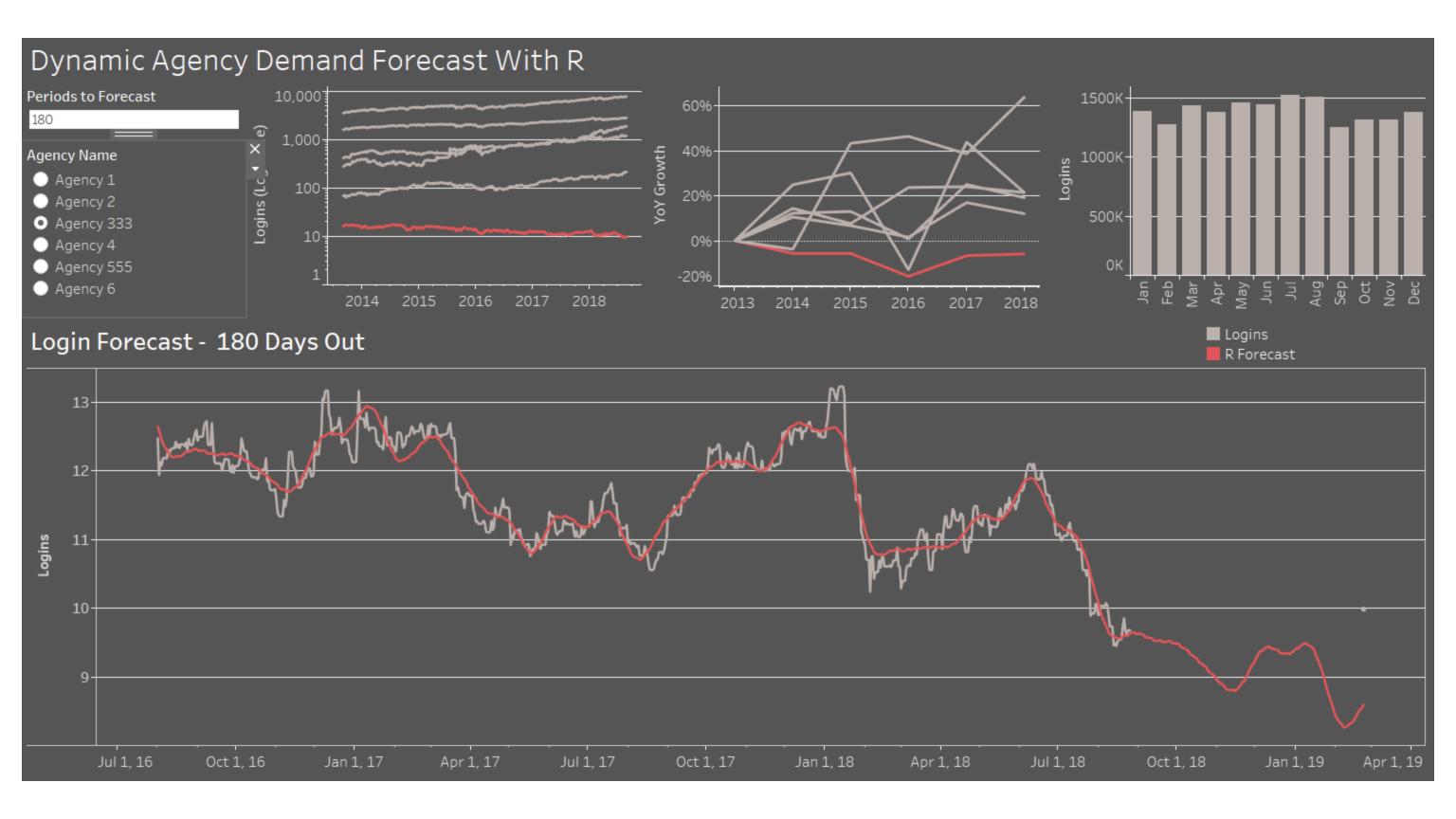
#### Connection Information:

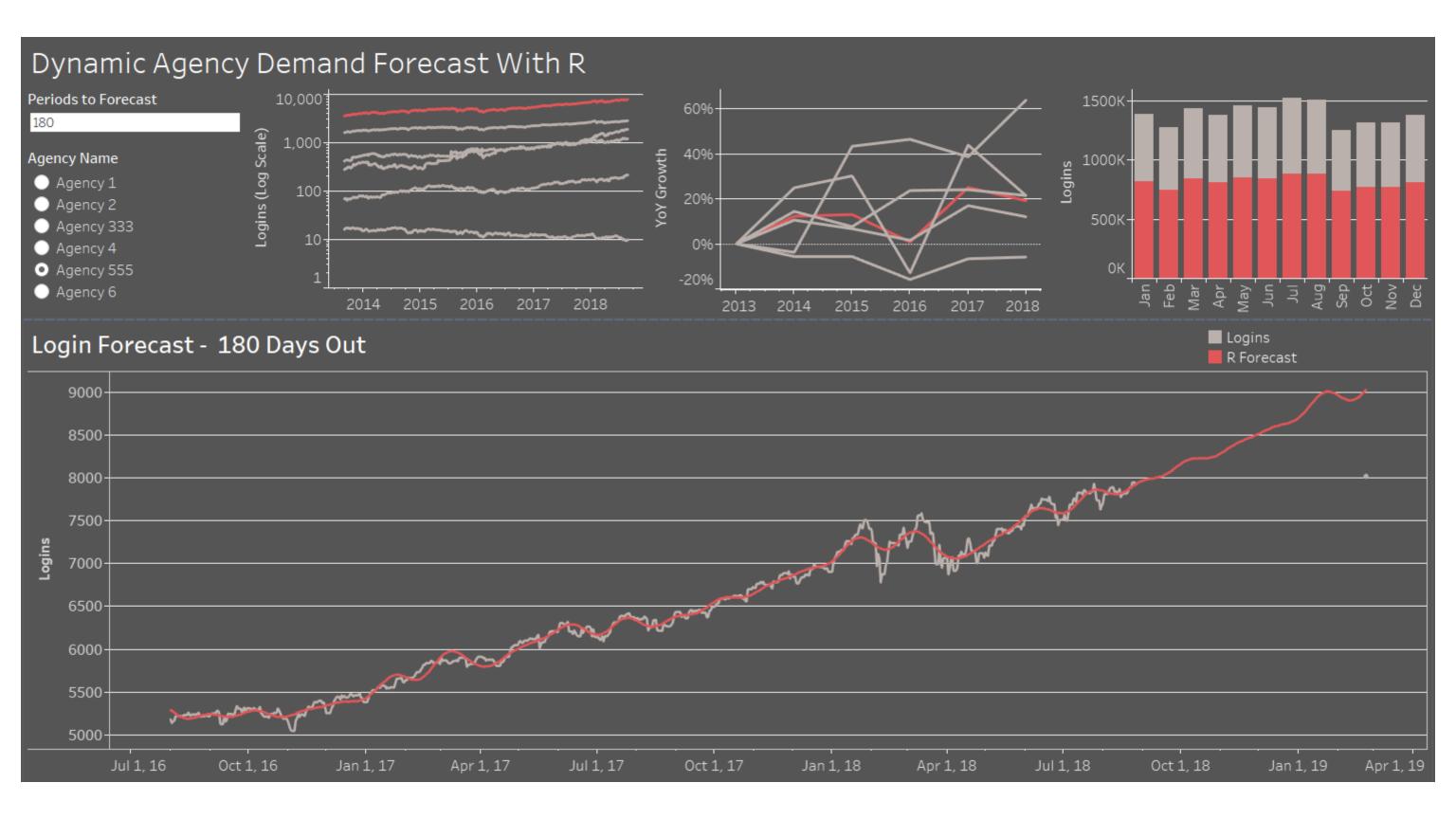
- Specify Service Type (New!)
- Choose Host and Port

#### Security:

- Authenticate with Username/Password
- Set up encryption with SSL Cert







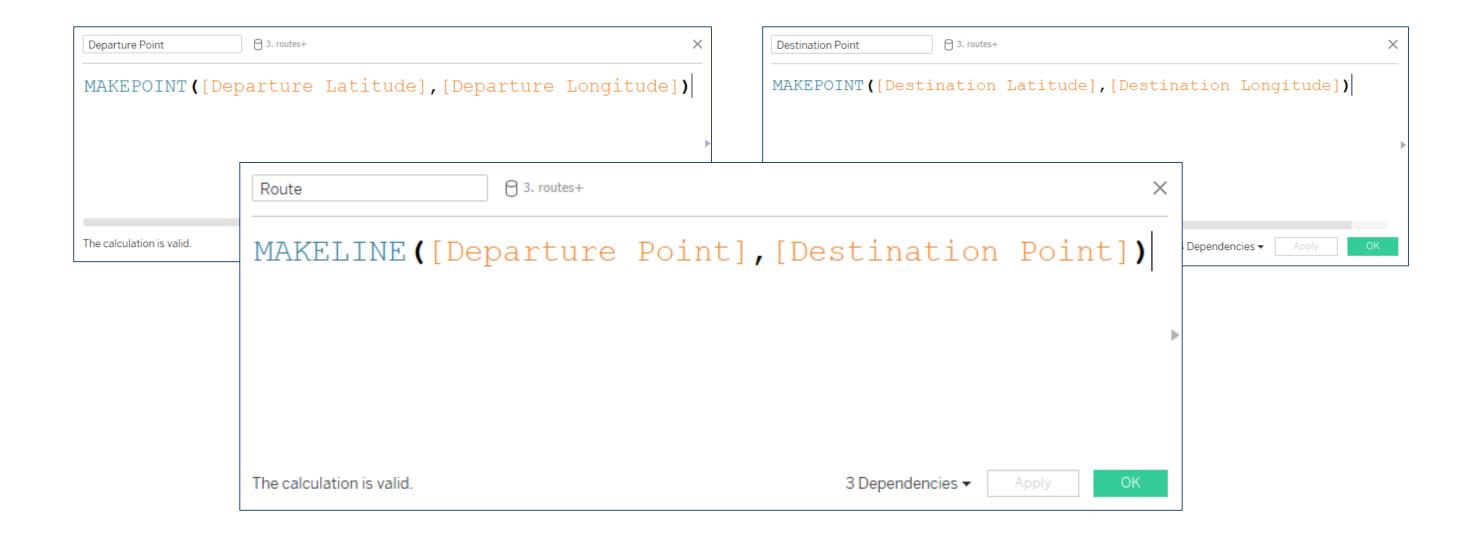


Route Mapping



#### **Makepoint & Makeline**





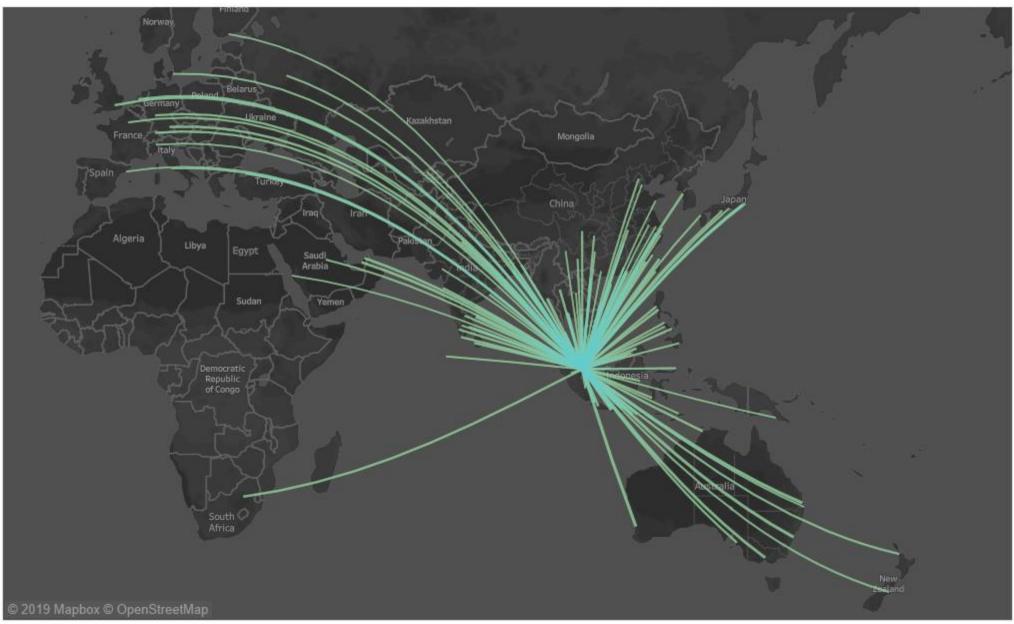
#### Routes of the World



#### ROUTES TO & FROM: Singapore Changi Airport

Destination

→ Select d.. ■ Departure



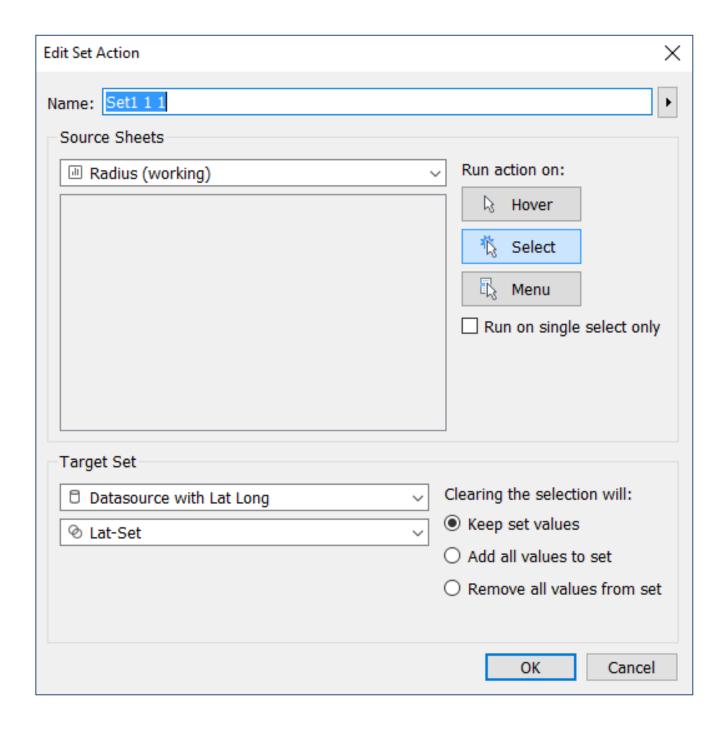
Airline N.. (All)



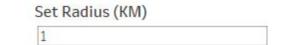
Mapping Dynamic Geo-fencing

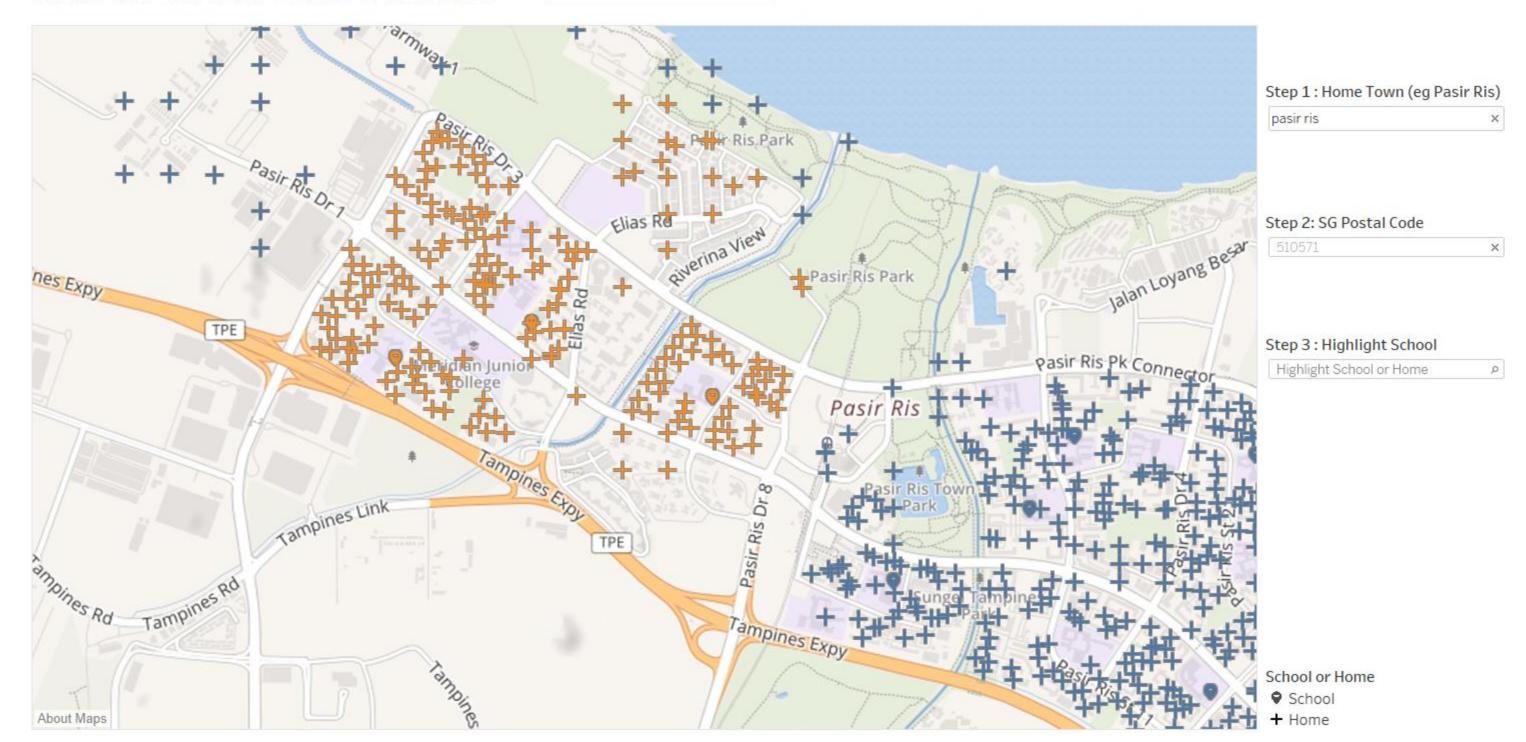


#### **Set Actions**



#### Schools Within 1 KM Distance





# Summary



Creating motion charts / data animation

Integration with R/TabPy

Mapping Routes

• Dynamic geo location detection within a radius

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