# Using PropMix.io platform to propel RESO maturity model Umesh Harigopal, Antony Satyadas, Matt Kumar



# **Speakers**



## Umesh Harigopal, PhD

Managing Partner & Chief Innovation Officer Innovation Incubator, Inc.



## Antony Satyadas

CEO, Managing Partner, & Co-Founder Innovation Incubator, Inc.



#### Matt Kumar

Chairman, Managing Partner, & Co-Founder Innovation Incubator, Inc.

in

<u>in</u>

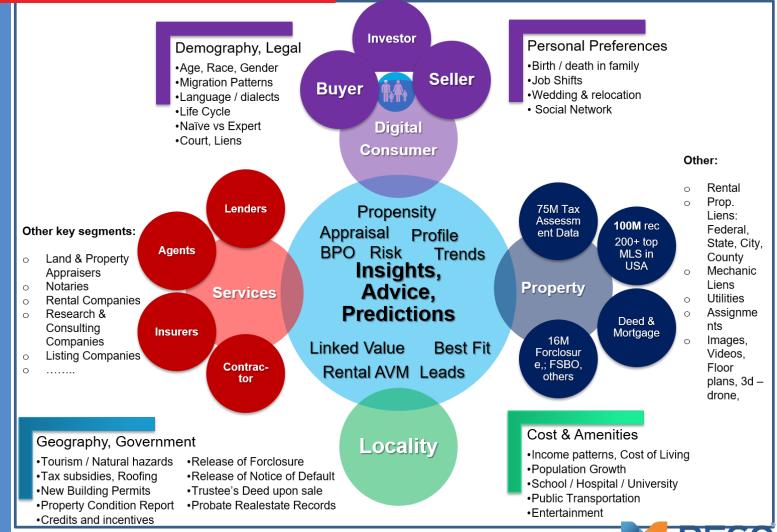
<u>in</u>



RESO Data Dictionary, Web API standardization, .. Then?

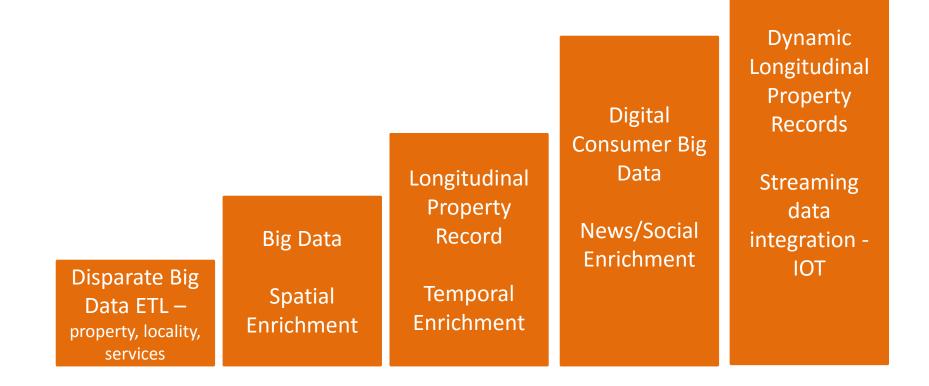


### Real Estate Big Data & Analytics/Insights Landscape



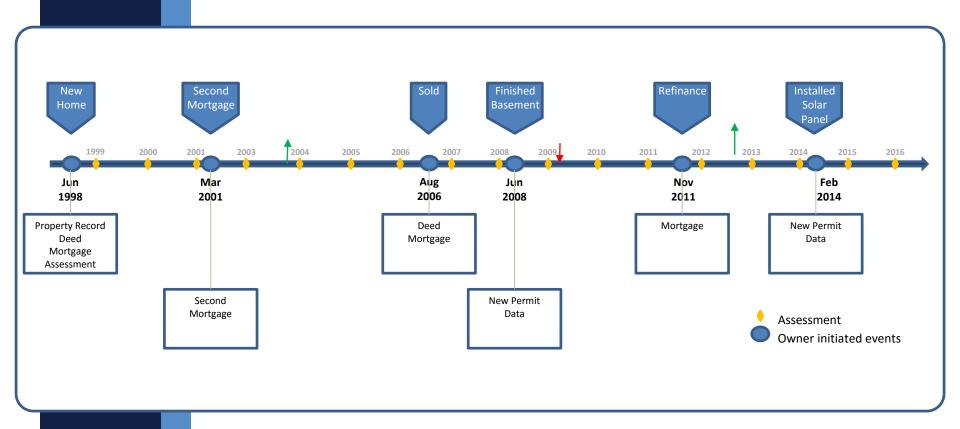


## 1. Real Estate Big Data Maturity



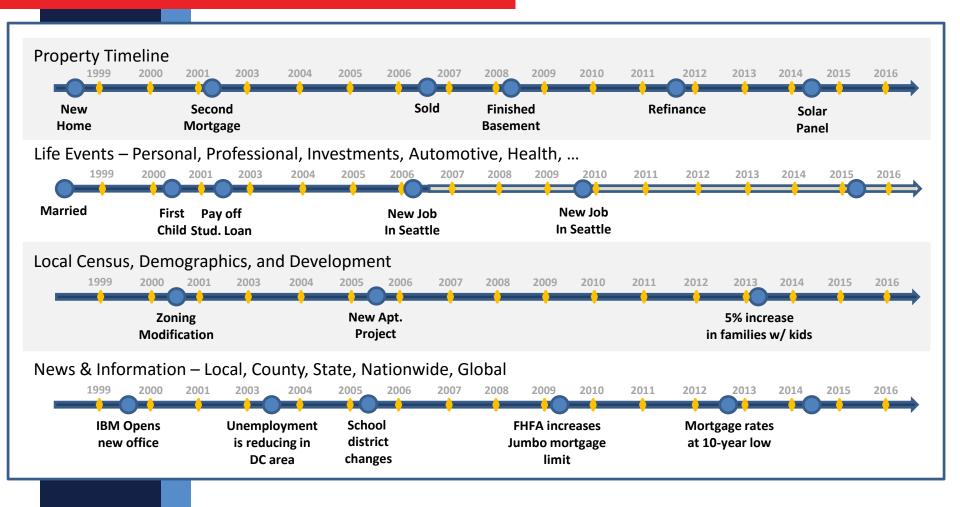


# Longitudinal Property Record TM



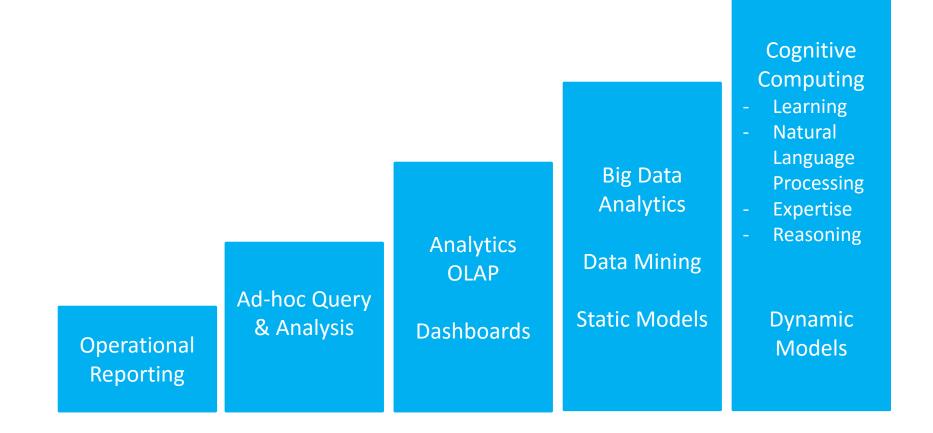


Cognitive Computing - Continuous Learning from temporal, spatial, and dimensional information yields deeper insights



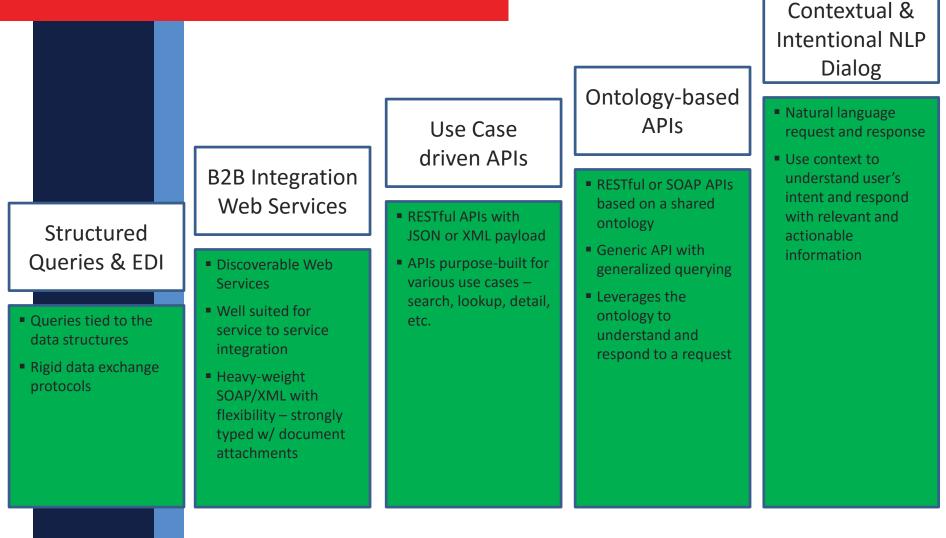


### 2. Real Estate Analytics and Insights Maturity





## 3. Big Data/Insight Retrieval/Delivery Maturity





# Putting it all together: The Maturity Model

Maturity Level	Big Data	Analytics & Insights	Big Data/Insight Retrieval
1	Data Sets	Reporting	Structured Queries
2	Integrated Data w/ Governance	Ad-Hoc Query & Analysis	B2B Integration & Web Services
3	Longitudinal Property Records	Analytics and OLAP Dashboards	Use Case driven APIs
4	Exogenous Contexts	Big-Data Analytics Data Mining	Ontology based generic APIs
5	Temporal and Spatial Integrated Data	Cognitive Deep Learning Models	Contextual & Intentional NLP dialogs



RESO Maturity Model Healthcheck Toolkit

# PropMix Demo

# Healthcheck Toolkit



# Thank You

Contact:

Umesh Harigopal – <u>umesh@innovationincubator.com</u> Antony Satyadas – <u>antony@innovationincubator.com</u> Matt Kumar – <u>matt@innovationincubator.com</u>

