

FREE Online Citizen Data Scientist Course

You Too Can be a **Citizen Data Scientist** –
No Matter Your Role, Skill or Job Function



Section 11 – Assisted Predictive Modeling in Action

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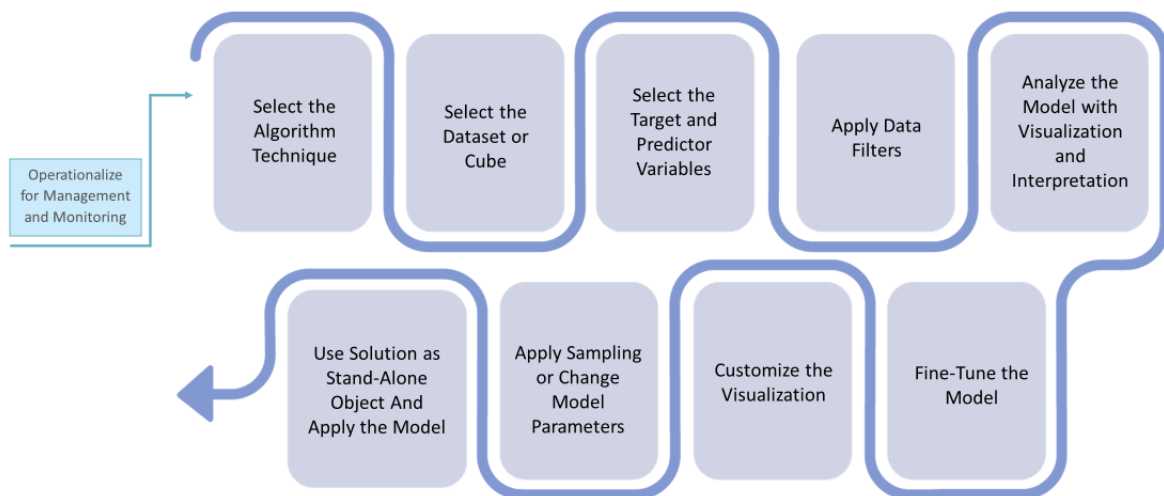
Instructor Notes: This supporting documentation includes a complete set of the slides used in the course material. Some sections also include expanded material, articles and documentation to further student understanding of more complex topics.

For your convenience, contact information is displayed at the end of the online course and at the conclusion of the supporting documentation in Section 12. We invite you to contact us with questions, requests or comments.

Section 11 – Assisted Predictive Modeling in Action

Assisted Predictive Modeling in Action

Assisted Predictive Modeling with Augmented Data Science and Machine Learning allows business users without data science or analytical skills to apply predictive analytics to any use case using forecasting, regression, clustering and other techniques with auto-recommendations and guidance to suggest appropriate analytical techniques.



Auto Insight - Simple, Intuitive, Quick Results



Auto Insight Simplifies The Analytical Process By:

- Working automatically on various algorithm techniques based on datasets and features.
- Presenting users with the most relevant algorithms and visualization and insights in simple language.

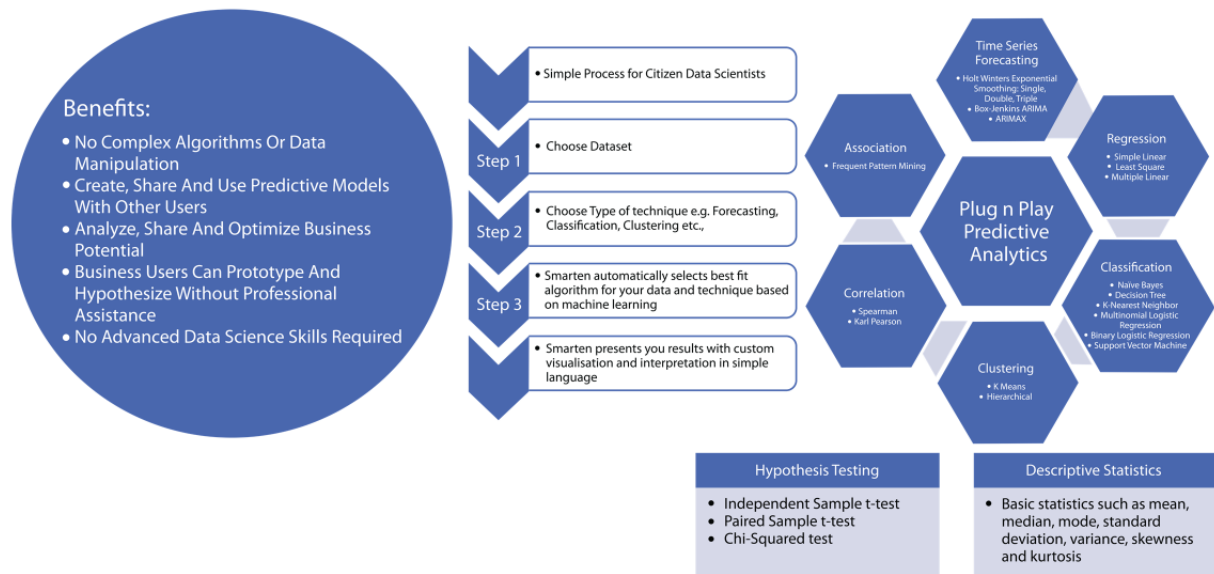


The Process:

- Users choose a dataset, and the system finds and presents the best possible insights.
- The system leverages machine learning to analyze data with a guided 'smart' solution.
- Users bypass the selection of data columns and analysis techniques and select the dataset.
- System will interpret the dataset, select columns of data, analyze type variety, etc., and use machine learning to apply the best technique and provide data insights.

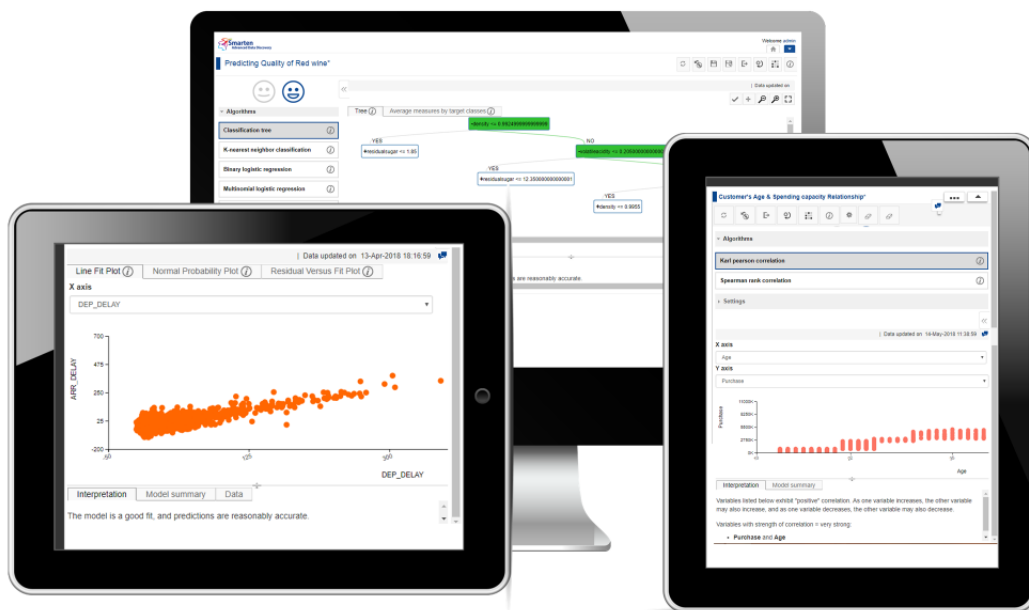


Assisted Predictive Modeling



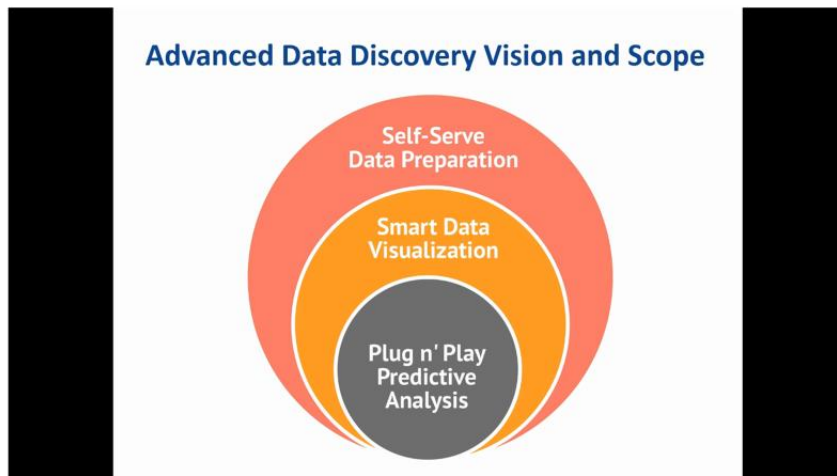
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This background material includes copies of the slides and screen shots used to illustrate the Smarten augmented analytics solution and analytical modeling in action. Refer to the video and screen demonstration for a detailed, audio and video walk through of these techniques and the solution.



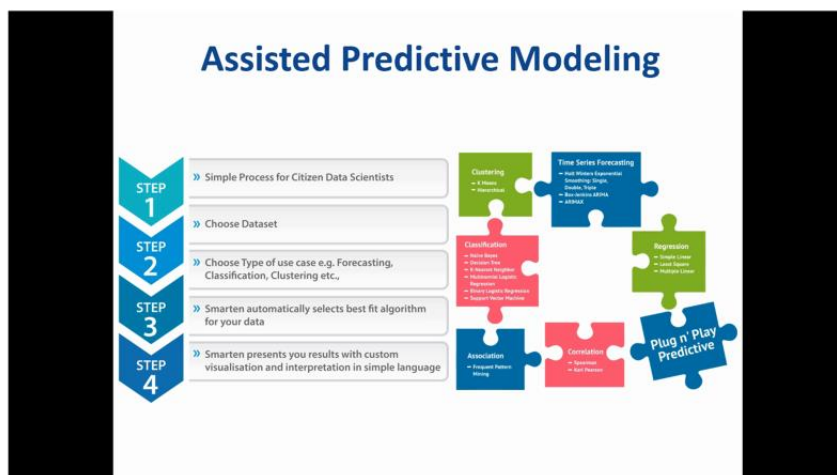
Assisted Predictive Modeling in Action

Video Part 1



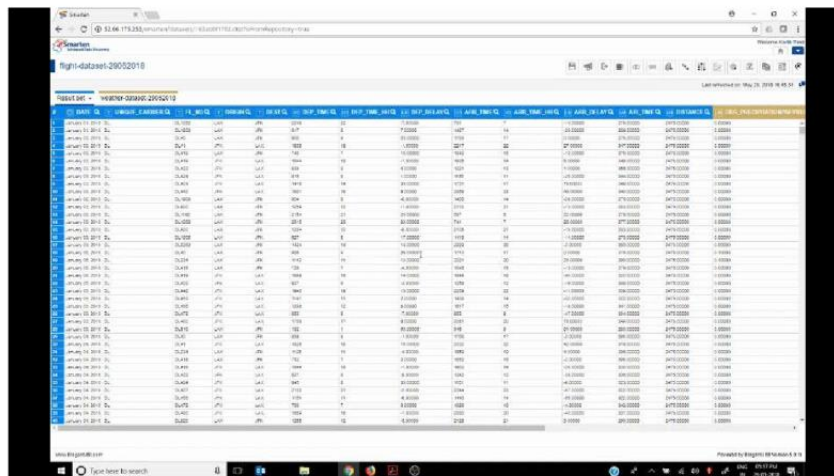
Assisted Predictive Modeling in Action

Video Part 2



Assisted Predictive Modeling in Action

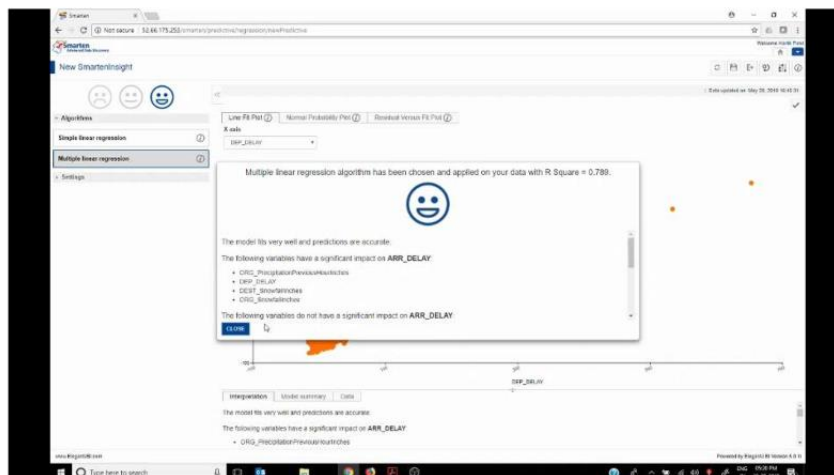
Video Part 3



The screenshot shows a data table with columns for flight details. The table is titled 'flight-dataset-2018' and contains data for various flights. The columns include: flight_id, origin, destination, departure_time, arrival_time, delay, and other flight-related metrics. The data is presented in a grid format with multiple rows and columns.

Assisted Predictive Modeling in Action

Video Part 4



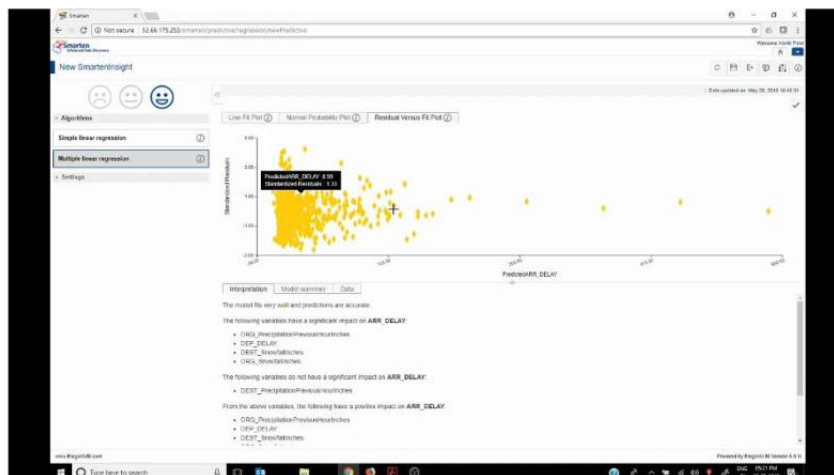
Assisted Predictive Modeling in Action

Video Part 5



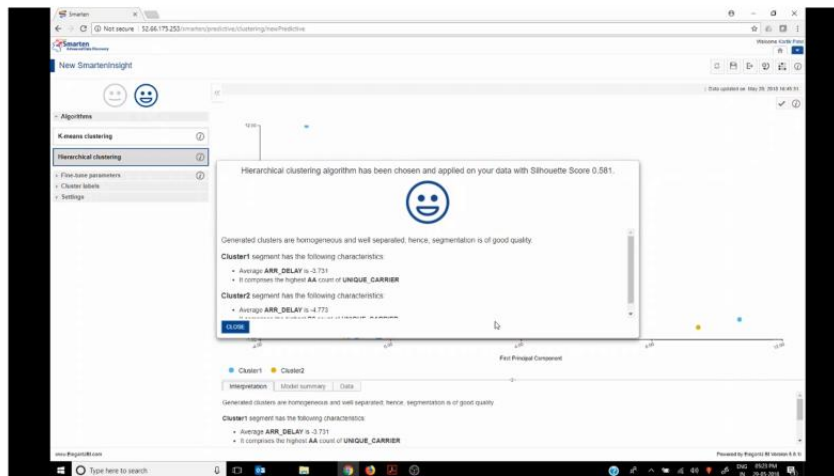
Assisted Predictive Modeling in Action

Video Part 6



Assisted Predictive Modeling in Action

Video Part 7



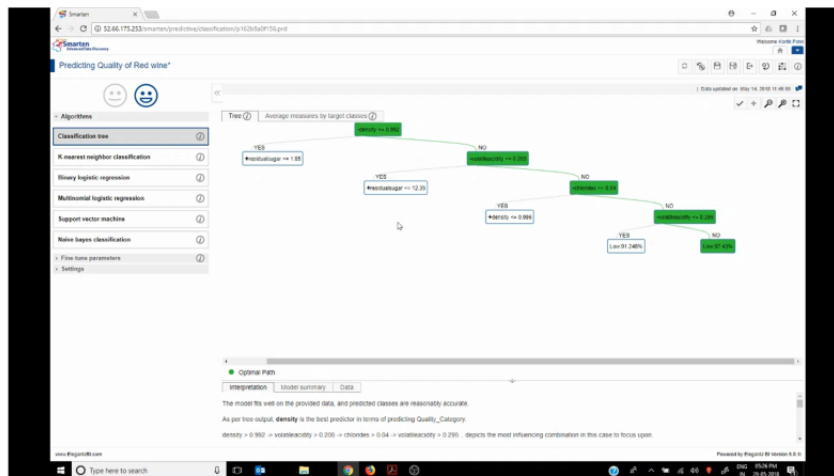
Assisted Predictive Modeling in Action

Video Part 8



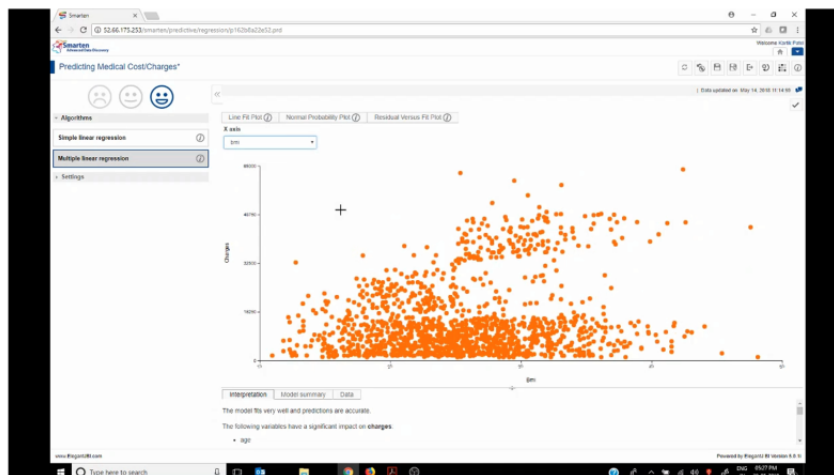
Assisted Predictive Modeling in Action

Video Part 9



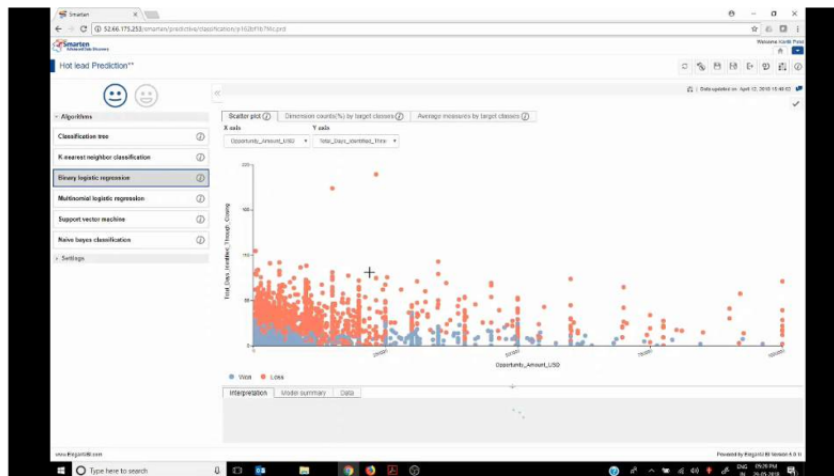
Assisted Predictive Modeling in Action

Video Part 10



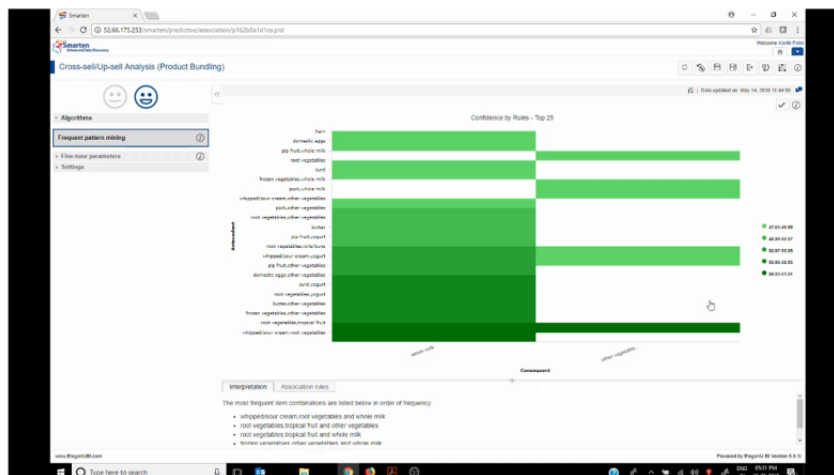
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Video Part 11



Assisted Predictive Modeling in Action

Video Part 12



Assisted Predictive Modeling in Action

Video Part 13

Assisted Predictive Modeling

