Education
TRANSFORMATION
DATA IS THE NEW OIL
Three major trends are converging

Data  Cloud  Intelligence
4 Phases of School Data Journey

COLLECT
- Data in silos, disconnected

DISPLAY
- History, hard to use to drive change

PREDICT
- Reliant on people to course-correct with data

DRIVE OUTCOMES
- Natural, integrated with tools students use everyday

Insight
From data to decisions and actions

- **Descriptive** [Reports]
- **Diagnostic** [Interactive Dashboards]
- **Predictive** [Machine Learning]
- **Prescriptive** [Recommendations & Automation]

- What happened?
- Why did it happen?
- What will happen?
- What should I do?

Insight
Our journey is powered by data
BREATHING CITY
Manhattan's at Work and Home population by hour
12 am

DARKHORSE ANALYTICS

Joey Cherderchuk | @cherderchuk | www.darkhorseanalytics.com/blog
Data: US Census Bureau, New York City, US Bureau of Labour Statistics
bpmgr.BreakClear(loc, lineno)

@callutils.log_exceptions(False)
def CB_KeyPress(self, *args):
    """Watch for key presses not reported by Scintilla-level notification."
    scint, event = args
    # Do nothing if this is a modifier key but not the shift
    keyval, modifiers = wtgtk.GetKeyValAndModifiers(event)
    keystr = event.text()
    if keyval in wtgtk.kModifierKeyValues:
        if keyval not in (wtgtk.kKeyAdd, wtgtk.kKeyDelete):
            if self._fAutoCompleter:
                self._fAutoCompleter.GetAutoCompletions(self)
            self._fTurboCancelPending()
    return False

if __name__ == '__main__':
    app = QtWidgets.QApplication([])
    app.processEvents()
Car Demo 2

Automobile price data (Raw) -> Linear Regression -> Split Data -> Evaluate Model

Properties
- START TIME: 8/19/20...
- END TIME: 8/19/20...
- STATUS CODE: Finished
- STATUS DETAILS: None

Summary
Enter a few sentences describing your experiment (up to 140 characters).

Description
Enter the detailed description for your experiment.

Quick Help
DEMO
AI & THE RISE OF MACHINES
Microsoft Azure
Democratizing AI
# Data + Intelligence + Cloud

## Data Platform
- SQL Server/SQL DB
- Azure Cosmos DB
- Azure Data Lake
- Azure Search
- ...

## AI + Analytics
- Azure Cognitive Services
- Bot Framework
- DSVM, Azure Machine Learning
- Microsoft R Server, CNTK

## Cloud Infrastructure
- Azure Batch Learning
- FPGA / GPU
Get started

Danas - mjesto City Plaza Zagreb, Mljet

GÉANT usluge u oblaku u CARNET-u
Darko Paric, Hrvatska akademska i istraživačka mreža – CARNET
• Moderator: Ivan Maric
Get started

Microsoft Azure for Students

https://azure.microsoft.com/en-us/free/students/

Includes all of our AI & Cognitive Services for free!
EMPOWERING STUDENTS TODAY TO CREATE THE WORLD OF TOMORROW

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