California Community Colleges

Introducing CCC Data

Introduction

Mark Cohen

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Introducing CCC Data

CCC Data, supported by the Data Services Program (DSP) initiative from the California Community Colleges Chancellor's Office, provides our Colleges with access to critical data used to support institutional decision-making aligned with the CCCCO Vision for Success.

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Chancellor's Office

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Overview CCC Data

Data Pipelines
- Several proven methods available to integrate data with CCC Data
- Extract, Transform, and Loads data
- Runs nightly (or more frequently)

CCC Data Warehouse
- Structured source of master data segmented by MIS code
- Connects data to generate reports and analytics for end-users
- Built on Amazon AWS Redshift

CCC Data Lake
- Collects data, preserving changes
- Used to power Data Warehouse, Data-Marts, and analytics
- Built on Amazon AWS S3

Report Server (Optional)
- Researchers can connect their own tools or use the Report Server
- Business intelligence tool
- Provides access to data in the Data Warehouse
- Built on Tibco Jaspersoft

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Data Supported in CCC Data

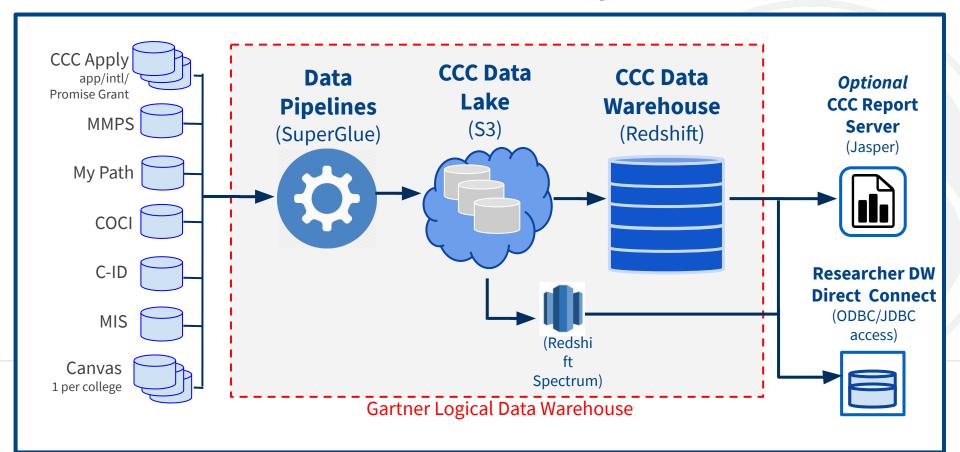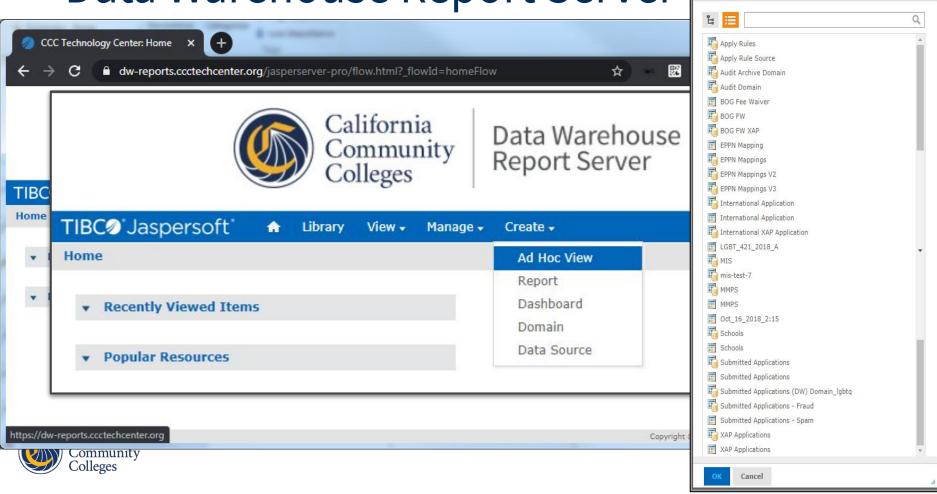|	
CCC Apply Credit & Noncredit Application	Canvas (learning analytics)
CCC Apply International Application	COCI (courses and programs)
CCC Apply Promise Grant	C-ID (articulations)
Multiple Measures/MMPS placement data)	CCCCO-MIS
MyPath usage data	Cal-Pass+ (K-12)

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Available to colleges 20/21	Availability pending governance	Integration pending MOU

The CCC Data Platform (in production)

Data Warehouse Report Server

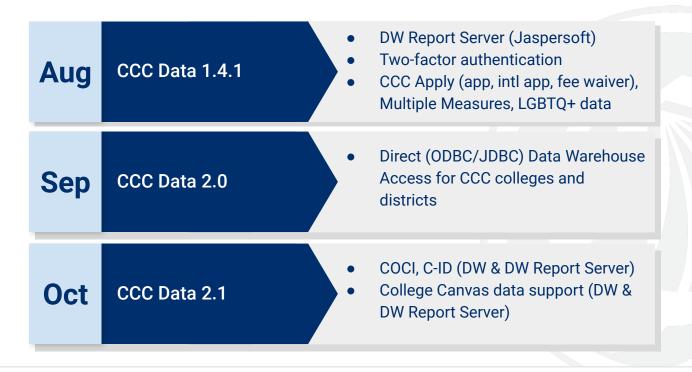# Requesting Access to DW Report Server

College/District Researcher Access:
CRMs@ccctechcenter.org

Chancelors Office Researcher Access:
mcohen@ccctechcenter.org

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Release Update

Aug	**CCC Data 1.4.1**	• DW Report Server (Jaspersoft) • Two-factor authentication • CCC Apply (app, intl app, fee waiver), Multiple Measures, LGBTQ+ data
Sep	**CCC Data 2.0**	• Direct (ODBC/JDBC) Data Warehouse Access for CCC colleges and districts
Oct	**CCC Data 2.1**	• COCI, C-ID (DW & DW Report Server) • College Canvas data support (DW & DW Report Server)

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Discussion

Introducing the Data Warehouse

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