

# DATA ARCHITECTURE/MODELING

## RONI ASATOURIAN



Team Dimension	
PK	<u>TeamId</u>
	TeamName
	Nationality
	CountryCode

Season Dimension	
PK	<u>SeasonId</u>
	Description
	StartDate
	EndDate

Driver Dimension	
PK	<u>DriverId</u>
	DriverName
	Gender
	Nationality
	CountryCode

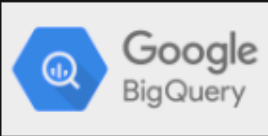
Fact Table: Race Performance	
PK	<u>RacePerformanceId</u>
FK	RaceId
FK	DriverId
FK	TeamId
FK	VenueId
FK	SeasonId
	FastestLap
	FastestLapTime
	FastestLapSpeed
	TotalLaps
	FinalPosition
	GridPosition
	IndividualPoints
	PitstopCount
	TotalRaceTime
	Status

Venue Dimension	
PK	<u>VenueId</u>
	Name
	City
	Country
	CountryCode
	Length
	CurvesLeft
	CurvesRight
	Coordinates
	Laps

Race Event Dimension	
PK	<u>RaceId</u>
	Description
	ScheduledStart
	ScheduledEnd
	Status
	AirTemp
	TrackTemp
	Humidity
	Weather



Daily CSV File



BigQuery  
Data Warehouse



Regression Analysis

Regression Analysis

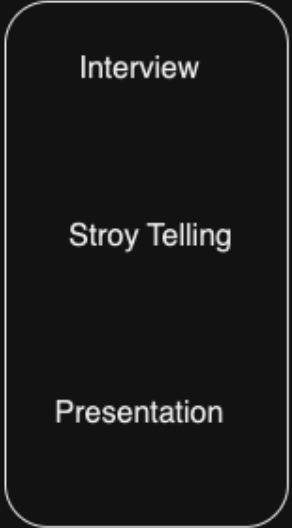


Reporting



PREDICTION

Time Series & Forecasting



Interview

Story Telling

Presentation

