

Portfolio Manager - DTI Time Entry Portfolio 9-1-2023	
PK	Resource Name
	Resource Start Date // DOH
	Timesheet Hours Per Week // seems like its always 37.5 - Does this ever change for a given employee? Does it vary between employees?
	Cost Center Team (OrigRes) // COO, CTO, CSO, CPS
	[RES-L3] - Chief // COO, CTO, CSO, CPS
	[RES-L4] - Team
	[RES-L5] - Senior Manager
	[RES-L6] - Manager
	Primary Resource Role
	Utilization %: Current Month // > 100%? 233.9%?; numerator vs denominator?
	Capacity: Current Month (h) // Redundant unless this ever changes vs. Timesheet Hours Per Week
	Organizational Resource // DTI - CIO - <Resource Role>, redundant with primary resource role?
	Resource Role // Redundant with Primary Resource Role?
	Resource Type // FTE, Contractor -- No Casual/Seasonal?

Resources (Static, Dimension)	
PK	Resource ID // Doesn't exist yet, but would be useful for similar names
PK	Resource Name
	Resource Start Date // DOH
	Timesheet Hours Per Week // available hours for timesheet
	Cost Center Team (OrigRes) // COO, CTO, CSO, CPS
	[RES-L3] - Chief // COO, CTO, CSO, CPS
	[RES-L4] - Team
	[RES-L5] - Senior Manager
	[RES-L6] - Manager
	Primary Resource Role
	Resource Type // FTE, Contractor -- No Casual/Seasonal?

Portfolio Manager - Closed projects with DTI resources as of 9-1-2023	
PK	<Project> Name
	<Project> Work ID // 1300243, BC0001104, MP1906571
	Customer // <ds> - <Department/Office/Agency>
	Agency Managed Project // Yes / No / NA
	Actual Start
	Schedule Variance (d) // Where is the scheduled start/finish column for the projects? The resource-level schedule start/finish exists in the resource table.

Projects (Static, Dimension)	
PK	<Project> Name
PK	<Project> Work ID #
	Customer
	Agency Managed Project?
	Agency // taken from Customer and a another table of agencies?
	Project Priority
	Actual Start
	Schedule Start // project-level, not resource level
	Actual Finish // NA for active projects
	Scheduled Finish
	Schedule Variance
	Phase 1 Start
	Phase 1 End
	...
	Phase <n> Start
	Phase <n> End
	Request submitted
	Project Description
	Project Notes

Resource Management and Assignments - DTI Time Entry Portfolio 9-1-2023	
FK	Resource Name
CK	<Task Descriptions> (Not Independent Column)
FK	<Project> Work ID // Is this only for projects?
	Duration (d) - // workdays from Schedule Start to Schedule Finish
FK	Work Name
	Effort (h) - // sum of all <M/D/YYYY> (h) columns
	% Utilization - // hours vs period capacity (timesheet hours)? since project start?
	State - // Approved vs. Denied - what does this mean?
	Schedule Start // Resource level (same project has diff. per resource)
	Schedule Finish
	Type - // "Percentage" - type of assignment? Doesn't match Scheduled Assignment Type
	<M/D/YYYY> (h) - // sum of "scheduled" hours for a given month: 8/1/2023 (h), 8/1/2023 (h). Must be scheduled because it extends into the future.

Assignments (Fact)	
CK	Pay Period (BI-weekly) // Take from column index of "August 2023 Scheduled vs. Allocated ..."
FK	Resource Name
CK	Work Description
FK	<Project> Work ID // seems like NA if not a project
FK	Project Name // NA if not project
FK	Scheduled Assignment Type
	Type
	State
	Scheduled Effort
	Reported Effort
	Effort Variance
	Scheduled Utilization
	Reported Utilization
	Schedule Start
	Schedule Finish
	Duration (d) // Schedule Start - Schedule Finish

As I understand, the project phases will be "interpolated" based on the scheduled duration and historical metrics. There is no official scheduled (or actual) start/end of each phase that's tracked anywhere.

LEGEND	
Excel PPS extract	
Transformed Table	
Missing value (must be calculated from other columns, or added from a different source)	
Potentially obsolete or redundant value	
I don't know what this field means/have questions	
OTHER COLORS: Matching colors across tables indicate shared columns	

PK = Primary Key	
CK = Composite Key	
FK = Foreign Key (may also form a CK)	

August 2023 Scheduled vs Allocated Analysis DTI Time Entry Portfolio 9-1-2023	
FK	Resource Name
CK	Work Description
	Organization (OBS) // This is all same value: "DTI - CIO" - think we can omit
FK	Project Description
	Resource Type
	Scheduled Assignment Type(s) // "Allocation", "Standard Activity"
	<MMDDYYYY> Period Capacity // for the week - even though sheet is biweekly period
	<MMDDYYYY> (biweekly) Scheduled Utilization
	<MMDDYYYY> (biweekly) Scheduled Effort
	<MMDDYYYY> (biweekly) Reported Effort
	<MMDDYYYY> (biweekly) Reported Utilization
	<MMDDYYYY> (biweekly) Effort Variance

DTI Time Entry Portfolio timesheet analysis 1-1-2023 thru 8-26-2023	
FK	Resource Name
CK	Project / Standard Activity Description
	Team (OBS)
FK	Cost Center Team (OrigRes)
	Type // Activity Type - Same as this column
	Activity: (WBS) / Utilization Flag -- should go in assignments, but not sure if column is already there
	Project / Standard Activity Description // Need to determine potential overlap w/ other tables
	Month Starting // Just the given month for, which the resource worked on the project - not a first start date value
	Hours // Number of hours worked in the given month

June 2023 allocations [Detail Tab]	
FK	Resource Name
	Manager // [RES-L5]
	Chief // [RES-L3]
	Team
	Resource Roles (Primary Value)
	Resource Types
FK	Project Description
CK	Work Id
	Priority Tag
CK	Work Description
CK	Period Starting, // Week/Sunday
	Effort Type // Same as "Type" but with m
	Timesheet Status // N/A
	Payroll Code // N/A
	Total (Hours)