



DATA ENGINEERS
THREE (3) POSITIONS OPEN
THE DEPARTMENT OF INFORMATION TECHNOLOGY
County of Solano, California
Annual Salary: \$99,618 – 121,086 DOE/DOQ

*Are you a seasoned IT professional ready to lead complex infrastructure projects?
Would you like a job that leverages innovative technology?
Looking to learn and grow in our multi-industry complex organization?*

If you answered with a resounding “Yes!”, we have the career opportunity of a lifetime for you with the Department of Information Technology (DoIT).

The County of Solano has three openings for Data Engineers to assist the Department of Information Technology (DoIT) to build a data warehouse from the ground up. These newly created data engineer positions will start the development of the data warehouse team and bring the knowledge, vision and drive to successfully lay the foundation for data rationalization. These positions are responsible for analyzing and profiling data from our 18 departments. The largest and most complex department in the County is Health and Social Services (HSS), which includes Public Health, Social and Behavioral Health Services and has the highest demand for data use and reporting requirements. The Data Management Team serves in the Central IT department of the County of Solano, supporting two data centers, 18 departments with over 3,000 employees who work across multiple industries and providing services to approximately 447,643 constituents. *If you are looking for an amazing career opportunity, in a dynamic and fast paced environment, working with a forward thinking, team-oriented organization, then apply today!*

THE COUNTY/COMMUNITY

Solano County is a special place, with its inviting mix of rural and suburban lifestyles and easy access to all of the urban amenities; it is no wonder why it has been nationally recognized for six years as one of the top *100 Best Communities for Young People*. Situated midway between San Francisco and Sacramento, Solano County is home to rolling hillsides, waterfronts and fertile farmland. Thanks to a mild climate, plenty of open space, and proximity to lakes, rivers and mountains, residents can enjoy year-round outdoor recreational activities like fishing, boating, hiking and biking. County residents also can enjoy day trips to the San Francisco Bay area, Lake Tahoe region and the Napa and Sonoma Valleys. Solano County’s fiscal year 2020/21 operating budget is approximately \$1.5 billion, which supports 18 departments serving a community of approximately 440,000. With its strategic location, affordable housing, history of responsible land use planning and attractive quality of life, Solano County provides a great place for our residents to live, learn, work and play. For more information about the community, please watch this video:

<http://www.solanocounty.com/media/Depts/HR/HRSolanoImages.wmv>

THE DEPARTMENT

The Department of Information Technology (DoIT) has approximately 110 staff (65 FTE and 45 contractors who support infrastructure) and a combined budget (i.e., Registrar of Voters and DoIT) of approximately \$31 million. DoIT serves 18 departments/internal customers encompassing approximately 3,000 employees, a County population of 447,643, and executive leadership and elected officials. Principally a Microsoft environment, additional technology products include Linux, Oracle, ESRI, MySQL, CacheDB, and Informix. On-premise servers are highly virtualized using VMWare and Hypervisor and number approximately 550



virtual servers across two data centers. Over 4,000 desktop/laptops, 200 tablets, 1,000 printers and over 250 business applications are part of the department's support profile.

THE JOB

The County of Solano has three openings for Data Engineers to assist the Department of Information Technology (DoIT) to build a data warehouse from the ground up. These newly created data engineer positions will start the development of the data warehouse team and bring the knowledge, vision and drive to successfully lay the foundation for data rationalization. These positions are responsible for analyzing and profiling data from our 18 departments. The largest and most complex department in the County is Health and Social Services (HSS), which includes Public Health, Social and Behavioral Health Services and has the highest demand for data use and reporting requirements. Our Data Engineers will profile and use data sources to build a data model to generate clean and accurate data for report writers and data users across the County. These Engineers will work with data users to identify and anticipate reporting and data needs, extract data from the source system, profile and load it into a model, and generate reports.

Upcoming Projects/Opportunities:

- Work with multiple data sets across the county, not just in HSS.
- Whole person care across multiple health disciplines
- Operational Dashboards Driving Service Efficiencies
- Data Governance Implementation

IDEAL CANDIDATE

Our ideal candidate will be an excellent communicator who is collaborative, motivating, and entrepreneurial spirit to work independently, drive their own work, and effectively collaborate and work within a team. The Data Engineers will constantly question the status quo and ask how things can be done better. We are looking for someone who can see the data, visualize it, and make a story out of it, and have the ability to imagine the data differently for reporting needs.

Below is a list of our department's tools and transferable competitor tools we hope to see ***ideal candidates bring knowledge and experience*** in some or all of these areas.

- Data warehouse experience: data sourcing, analyzing and modeling experience.
- **DoIT's Data Tools:**
 - Azure Synapse, Power BI, Data Factory, DevOps, Purview, D365
- **Competitor Data Tools:**
 - Snowflake, Informatica, Talend, SAS, Amazon or Google Cloud tools
- **Other Tools and Languages:**
 - Kimball Methodology and/or Snowflake Methodology
 - **Desired Coding Languages:**
 - Python, r, SAS

Education and Experience – Minimum Qualifications

- Data warehouse experience: data sourcing, analyzing and modeling experience.
- Equivalent to an Associate's degree, preferably in information technology, or a closely related field., AND;



- Five (5) years of experience performing progressively responsible software development, or infrastructure management duties and functions.
- Note: Additional experience may substitute on a year for year basis for the educational requirement.
- Bachelor's degree from an accredited college or university, preferably in information technology, management information systems may be substituted for two years of experience.

Licenses and Certifications:

- Must possess a California class-C driver's license.
- **Desired Certifications:** Azure Fundamentals, Azure Data Fundamentals, Azure Data Engineering, and it would be very helpful if you were DAMA certified (CDMP).

COMPENSATION AND BENEFITS

The salary range for this position is Annual Salary: \$99,618 – \$121,086 DOE/DOQ. In addition to the base salary, the County offers:

- **Retirement/Pension:** Pension formula of 2% at age 60 or 2% at age 62 based on provisions of the California Public Employees' Pension Reform Act of 2013 (PEPRA). The County participates in Social Security.
- **Longevity Pay:** 2.5% longevity pay, per level, after the completion of continuous service at 10, 20, 25, 30 and 35 years.
- **Insurance:** health, dental, vision, life, and long-term disability insurance plans. Health: offer a cafeteria-style medical package offered through CalPERS; the County contributes towards family coverage and offers a cash back provision for employee-only, or waive of other insurance coverage.
- **Leave Allowances:** generous vacation, and sick leave benefits, plus 14 paid holidays annually.
- **Education Allowance:** tuition reimbursement is available to a maximum of \$2,000 per fiscal year.
- **For full benefits details [Click Here](#).**

HOW TO APPLY: *this position is open until filled, apply immediately for consideration at:*

- <https://wbcpinc.com/job-board/>
- Interviews will be held as ideal candidates are identified, starting the week of April 12th

Please contact the recruiter, Maggie Alexandre, with questions:

- Maggie@wbcpinc.com
- 415-797-9411